

ThinkCentre M92/M92p Tiny, Small, Tower



Lenovo ThinkCentre M92/M92p Tiny with Optional Serial Port or DisplayPort



Lenovo ThinkCentre M92/M92p Tiny with Floor Stand



Lenovo ThinkCentre M92/M92p Small



Lenovo ThinkCentre M92/M92p Tiny with VESA Mount



Lenovo ThinkCentre M92/M92p Tower



Lenovo ThinkCentre M92/M92p Tiny with External Optical Box

ThinkCentre M92 Tiny (3235) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical	Display- Port Graphics	Optional dongle	Chassis port	Floor intr	Stand switch	VESA mount	ENERGY STAR	Intel vPro	Global	Win7 preload(mm/dd/yy)	Ann date
3235-B8G	i3-2120T	4GBx1 1600MHz	500G 7200	None	HD 2000	None	DP	Switch	None	Mount	ES52	None	None	Pro 64	06/19/12
3235-B7G	i3-2120T	4GBx1 1600MHz	320G 5400	DVD±RW	HD 2000	None	DP	Switch	None	Mount	ES52	None	None	Pro 64	07/10/12

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i3-2120T Processor (2 cores / 4 threads, 2.6GHz, 3MB cache), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64			
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Graphics	Intel HD Graphics 2000 in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											Preloaded applications (only some listed)			
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
Disk	SATA 3.0Gb/s, 2.5" Wide														
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in														
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset														
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	None														
VESA mount	Supports VESA 75mm and 100mm mount standard														
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 7.1" W X 7.2" D X 1.4" H • 179mm W X 182mm D X 34.5mm H • 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 														
												Security			
												<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
												EPEAT™ Gold rating			
												ENERGY STAR® 5.2-compliant			
												ULE Gold			
												Cisco EnergyWise compatible			
												GREENGUARD® certified			
												RoHS-compliant			
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE models announced June 19 or July 10, 2012
 WE models withdrawn effective May 2014

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 (G-MHTN1-7) May 2014

ThinkCentre M92 Tiny (3235) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical	PCIe Mini Card WLAN / BT	Optional port	Chassis intrusion Switch	Security cable	Floor stand	VESA mount	ENERGY STAR 5.2	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
3235-C4G	i3-3220T	4GBx1	500G 7200	DVD±RW	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win8 Pro64	10/23/12
3235-C5G	i3-3220T	4GBx1	500G 7200	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win8 Pro64	10/23/12
3235-D3G	i3-3220T	4GBx1	500G 7200	DVD±RW	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win7 Pro64	10/23/12
3235-D4G	i3-3220T	4GBx1	500G 7200	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win7 Pro64	10/23/12
3235-E9G	i3-3220T	4GBx1	500G 7200	DVD±RW	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win8 Pro64	12/04/12
3235-F1G	i3-3220T	4GBx1	500G 7200	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win8 Pro64	12/04/12
3235-F2G	i3-3220T	4GBx1	500G 7200	DVD±RW	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win7 Pro64	12/04/12
3235-F3G	i3-3220T	4GBx1	500G 7200	None	Intel 2230 + BT	None	Switch	Cable	None	Mount	ES52	None	None	Win7 Pro64	12/04/12
3235-H2G	i3-3240T	4GBx1	500G 7200	None	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None	None	Win7 Pro64	06/11/13
3235-H3G	i3-3240T	4GBx1	500G 7200	DVD±RW	Intel 2230 + BT	None	Switch	None	None	Mount	ES52	None	None	Win7 Pro64	06/11/13

- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning Processor	<i>Ultimate security, stability, and manageability for the enterprise</i> Intel® Core™ i3-3220T Processor (2 cores / 4 threads, 2.8GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller Intel Core i3-3240T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit
Implementation	Processor in LGA1155 socket	Preloaded applications (only some listed) - Windows 7 models
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Adobe® Reader® • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW)
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution:</i> 2560x1600 (DisplayPort, VGA) @60Hz	- Windows 8 models
DP dongle	None	<ul style="list-style-type: none"> • Lenovo® Support • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW)
Disk	SATA 3.0Gb/s, 2.5" Wide	- All models
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in	<ul style="list-style-type: none"> • ThinkVantage System Update • Lenovo Solution Center • View Management Utility • Norton Internet Security • (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA eSATA port	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
Chipset	Intel Q77 Express Chipset	
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11b/g/n wireless, PCIe Half Mini Card, Intel Centrino Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2	
Bluetooth	Bluetooth 4.0 wireless, integrated in Intel 2230 Wi-Fi + Bluetooth combo adapter	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®	
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)	
Modem	None	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	None	
VESA mount	Supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU	
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 7.1" W X 7.2" D X 1.4" H • 179mm W X 182mm D X 34.5mm H • 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 	Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies

See footnotes for important warranty information

WE models announced October 23 or December 4, 2012 or June 12, 2013

WE models withdrawn effective May 2014

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(G-MHTN1-15) May 2014

ThinkCentre M92 Tiny (3229) - GMP (Thin Client)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB	External rpm	optical Graphics	Intel HD	PCIe Mini Card WLAN / BT	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3229-A1G	G460	2GBx1	8G SSD	None	Intel HD	None	Serial	None	None	None	None	ES52	None	G P	Emb 32	07/10/12
3229-A2G	G465	2GBx1	8G SSD	None	Intel HD	None	Serial	None	None	None	None	ES52	None	G P	Emb 32	01/08/13
3229-A3G	G470	2GBx1	8G SSD	None	Intel HD	None	Serial	None	None	None	None	ES52	None	G P	Emb 32	07/09/13

• Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Celeron® G460 Processor (1 core / 2 threads, 1.8GHz, 1.5MB cache) , integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller Intel Celeron G465 Processor (1 core / 2 threads, 1.9GHz, 1.5MB cache) , integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller Intel Celeron G470 Processor (1 core / 2 threads, 2.0GHz, 1.5MB cache) , integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller Processor in LGA1155 socket											Genuine Windows® 7 Embedded 32 Preloaded applications (only some listed) <ul style="list-style-type: none"> • Adobe® Reader® • Adobe Flash® Player • Citrix® Receiver • IIS Web Server • Microsoft® Management Console • Microsoft Silverlight • Remote Desktop Protocol • ThinPrint .print Client • TightVNC Viewer • VMware® View Client • vWorkspace • Windows Media Player 			
Implementation															
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook), <i>System automatically clocks down for processors with 1066MHz DDR3 memory controller</i>														
Graphics	Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>														
DP dongle	None														
Disk	Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide														
External optical	None														
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset														
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar														
eSATA port	None														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	None														
Mouse	None														
Floor Stand	None														
VESA mount	None														
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 7.1" W X 7.2" D X 1.4" H • 179mm W X 182mm D X 34.5mm H • 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • <i>Chassis intrusion switch on selected model(s)</i> 			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold GREENGUARD® certified RoHS-compliant			
Supports ThinkVantage Technologies															

See footnotes for important warranty information
 WE models announced July 10, 2012 or January 8 or July 9, 2013
 WE models withdrawn effective May 2014

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 (G-MHTN1-14) May 2014

ThinkCentre M92p Tiny (2121) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical	Graphics	PCIe Mini Card WLAN / BT	Optio- nal port	Chassis intru switch	Security cable	Floor stand	VESA mount	ENERGY STAR	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
2121-C3G	i5-3470T	4GBx1	500G 7200	None	HD 2500	Intel 6205	None	Switch	Cable	None	Mount	ES52	vPro	None	Win8 Pro64	10/23/12
2121-D2G	i5-3470T	4GBx1	500G 7200	None	HD 2500	Intel 6205	None	Switch	Cable	None	Mount	ES52	vPro	None	Win8 Pro64	10/23/12
2121-E6G	i5-3470T	4GBx1	500G 7200	DVD±RW	HD 2500	Intel 6205	None	Switch	None	None	Mount	ES52	vPro	None	Win8 Pro64	11/20/12
2121-E7G	i5-3470T	4GBx1	500G 7200	DVD±RW	HD 2500	Intel 6205	None	Switch	None	None	Mount	ES52	vPro	None	Win7 Pro64	11/20/12
2121-E8G	i5-3470T	4GBx1	500G 7200	None	HD 2500	Intel 6205	None	Switch	Cable	None	Mount	ES52	vPro	None	Win7 Pro64	12/04/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket	
Implementation	Processor in LGA1155 socket	Preloaded applications (only some listed) - Windows 7 models <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● Adobe® Reader® ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) - Windows 8 models <ul style="list-style-type: none"> ● Lenovo® Support ● Lenovo Companion ● Lenovo Cloud Storage ● Norton™ Studio ● AccuWeather ● Evernote® ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none"> ● ThinkVantage System Update ● Lenovo Solution Center ● View Management Utility ● Norton Internet Security (30 days of virus definitions) ● Microsoft® Office preloaded; purchase a product key to activate ● Skype™
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)	
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution:</i> 2560x1600 (DisplayPort, VGA) @60Hz	
DP dongle	None	
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm	
External optical	<i>Some:</i> Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in	
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset	
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar	
eSATA port	None	
Chipset	Intel Q77 Express Chipset	
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)	
PCIe Mini Card	One PCI Express® Mini Card slot	
PCIe WLAN	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2	
Bluetooth	None	
Audio	High Definition (HD) Audio, Realtek® ALC662 codec	
Speaker	Internal speaker for business audio	
IEEE 1394	None	
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®	
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)	
Modem	None	
Security chip	Trusted Platform Module (TPM1.2-compliant)	
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo	
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo	
Floor Stand	None	
VESA mount	Supports VESA 75mm and 100mm mount standard	
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU	
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 7.1" W X 7.2" D X 1.4" H ● 179mm W X 182mm D X 34.5mm H ● 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 	Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s)
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available	
Supports ThinkVantage Technologies		

See footnotes for important warranty information

WE models announced October 23, November 20, or December 4, 2012

WE models withdrawn effective May 2014

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(G-MHTN1-16) May 2014

ThinkCentre M92p Tiny (3243)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr	Floor switch	Stand	VESA mount	ENERGY STAR	Intel vPro	Win7 Globalpreload	Ann date (mm/dd/yy)
3243-A6G	i5-3470T	4GBx1 1600MHz	320G 7200	DVD±RW	HD 2500	None	DP	Switch	None	None	Mount	ES52	vPro None	Pro 64	07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 1-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i> <i>Some: DisplayPort to Single-link DVI-D Cable</i>											Preloaded applications (only some listed)
DP dongle												<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW)
Disk	SATA 3.0Gb/s, 2.5" Wide, 7200 rpm											
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in											
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar											
eSATA port	None											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)											
PCIe Mini Card	One PCI Express® Mini Card slot											
PCIe WLAN	None											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	None											
VESA mount	Supports VESA 75mm and 100mm mount standard											
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 7.1" W X 7.2" D X 1.4" H • 179mm W X 182mm D X 34.5mm H • 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
Limited Warranty	1-year, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
												Supports ThinkVantage Technologies

See footnotes for important warranty information
WE model announced July 10, 2012
WE models withdrawn effective May 2014

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ThinkCentre M92p Tiny (3238)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical	Graphics	Display-Port dongle	Optional port	Chassis intr	Floor stand	VESA mount	ENERGY STAR	Intel vPro	Win7 Global	Ann date (mm/dd/yy)		
3238-A6G	i5-3470T	4GBx1	1600MHz	750G 5400	DVD±RW	HD 2500	DP-to-DVI-D	None	Switch	None	Mount	ES52	vPro	None	Pro 64	06/05/12
3238-A8G	i5-3470T	4GBx1	1600MHz	500G 5400	DVD±RW	HD 2500	None	None	None	None	Mount	ES52	vPro	None	Pro 64	06/05/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										Preloaded operating system			
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										Genuine Windows® 7 Professional 64			
Implementation	Processor in LGA1155 socket										Ready to install applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)										<ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager 			
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i> <i>Some: DisplayPort to Single-link DVI-D Cable</i>										Preloaded applications (only some listed)			
DP dongle											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo AppShop ● Lenovo Solution Center ● Lenovo Message Center Plus ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) 			
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm													
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in													
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset													
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar													
eSATA port	None													
Chipset	Intel Q77 Express Chipset													
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	None													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®													
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Floor Stand	None													
VESA mount	Supports VESA 75mm and 100mm mount standard													
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU													
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 7.1" W X 7.2" D X 1.4" H ● 179mm W X 182mm D X 34.5mm H ● 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 										Security			
											<ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
											EPEAT™ Gold rating			
											ENERGY STAR® 5.2-compliant			
											ULE Gold			
											Cisco EnergyWise compatible			
											GREENGUARD® certified			
											RoHS-compliant			
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE models announced June 5, 2012
 WE models withdrawn effective May 2014

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ThinkCentre M92p Tiny (3237) - GMP

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical	Display-Port Graphics	Optional Chassis port intr switch	Floor stand	VESA mount	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Win7 preload(mm/dd/yy)	Ann date
3237-A1G	i5-3470T	4GBx1 1600MHz	320G 5400	DVD±RW	HD 2500	None	None	None	Mount	ES52	vPro	G P	Pro 64 06/05/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology										
Implementation	Processor in LGA1155 socket										
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)										
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>										
DP dongle	None										
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm										
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in										
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset										
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar										
eSATA port	None										
Chipset	Intel Q77 Express Chipset										
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)										
PCIe Mini Card	One PCI Express® Mini Card slot										
PCIe WLAN	None										
Bluetooth	None										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®										
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)										
Modem	None										
Security chip	Trusted Platform Module (TPM1.2-compliant)										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Floor Stand	None										
VESA mount	Supports VESA 75mm and 100mm mount standard										
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU										
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 7.1" W X 7.2" D X 1.4" H ● 179mm W X 182mm D X 34.5mm H ● 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 										
	Preloaded operating system Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo AppShop ● Lenovo Solution Center ● Lenovo Message Center Plus ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) 										
	Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant										
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	Supports ThinkVantage Technologies										

See footnotes for important warranty information
 WE model announced June 5, 2012
 WE models withdrawn effective May 2014

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ThinkCentre M92p Tiny (3237) - GMP (Thin Client)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ^a	SATA disk GB rpm	External optical	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Win7 preload(mm/dd/yy)	Ann date
3237-A3G	i5-3470T	2GBx1	8G SSD	None	HD 2500	None	Serial	None	None	None	ES52	vPro	G P	Emb 32	07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system		
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Embedded 32		
Implementation												Preloaded applications (only some listed)		
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											<ul style="list-style-type: none"> • Adobe® Reader® • Adobe Flash® Player • Citrix® Receiver • IIS Web Server • Microsoft® Management Console • Microsoft Silverlight • Remote Desktop Protocol • ThinPrint .print Client • TightVNC Viewer • VMware® View Client • vWorkspace • Windows Media Player 		
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>													
DP dongle	None													
Disk	Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide													
External optical	None													
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset													
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar													
eSATA port	None													
Chipset	Intel Q77 Express Chipset													
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)													
PCIe Mini Card	One PCI Express® Mini Card slot													
PCIe WLAN	None													
Bluetooth	None													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®													
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	None													
Mouse	None													
Floor Stand	None													
VESA mount	None													
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 7.1" W X 7.2" D X 1.4" H • 179mm W X 182mm D X 34.5mm H • 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 		
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold GREENGUARD® certified RoHS-compliant		
												Supports ThinkVantage Technologies		

See footnotes for important warranty information
 WE model announced July 10, 2012
 WE models withdrawn effective May 2014

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 (G-MHTN1-13) May 2014

ThinkCentre M92p Tiny (3237) - GMP (Win 8)

Product Specifications Reference (PSREF)

Type-model	Processor	Memory ⁸	SATA disk GB rpm	External optical	Graphics	PCIe Mini Card WLAN / BT	Optional port	Chassis intr switch	Floor stand	VESA mount	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Preload	Ann date (mm/dd/yy)
3237-A4G	i5-3470T	4GBx1	320G 5400	DVD±RW	HD 2500	None	None	None	None	Mount	ES52	vPro	G P	Win8 Pro64	10/23/12
3237-A5G	i5-3470T	4GBx1	320G 5400	DVD±RW	HD 2500	None	None	None	None	Mount	ES52	vPro	G P	Win7 Pro64	10/23/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-3470T Processor (2 cores / 4 threads, 2.9GHz, 3MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 Pro 64-bit			
Implementation												Preloaded applications (only some listed)			
Memory	16GB max, PC3-12800 1600MHz DDR3 , two 204-pin SODIMM sockets (notebook)											- Windows 7 models			
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, one optional DisplayPort, supports up to triple independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											<ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● Lenovo® AppShop ● Lenovo Message Center Plus ● Lenovo SimpleTap ● Adobe® Reader® ● Windows Live™ Essentials ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) 			
DP dongle	None											- Windows 8 models			
Disk	SATA 3.0Gb/s, 2.5" Wide, 5400 rpm											<ul style="list-style-type: none"> ● Lenovo Support ● Lenovo Companion ● Lenovo Cloud Storage ● Norton™ Studio ● AccuWeather ● Evernote® ● Cyberlink Power2Go (DVD±RW) ● Cyberlink PowerProducer (DVD±RW) 			
External optical	Slim DVD burner box, SATA 1.5Gb/s, 12.7mm high, tray-in											- All models			
SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in chipset											<ul style="list-style-type: none"> ● ThinkVantage System Update ● Lenovo Solution Center ● View Management Utility ● Norton Internet Security (30 days of virus definitions) ● Microsoft® Office preloaded; purchase a product key to activate ● Skype™ 			
Onboard SATA	One SATA cable (1-drop to device), one SATA 6.0Gb/s connector on planar														
eSATA port	None														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 3.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Two USB 3.0, one USB 2.0 (external ODD occupies USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial / DisplayPort on selected models)														
PCIe Mini Card	One PCI Express® Mini Card slot														
PCIe WLAN	None														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	None														
VESA mount	Supports VESA 75mm and 100mm mount standard														
Power supply	65 watts AC/DC adapter, autosensing, 87% PSU														
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 7.1" W X 7.2" D X 1.4" H ● 179mm W X 182mm D X 34.5mm H ● 9.1 lb (4.1 kg) in maximum configuration (including External Optical Box) 														
Limited Warranty	3-years, limited onsite service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 			
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
												Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE models announced October 23, 2012
 WE models withdrawn effective May 2014

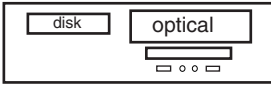
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ThinkCentre M92p Small (2988) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	Media reader	Display-Port Graphics	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Intel vPro Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
2988-B1G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	Media	HD 2500 None	Switch	None	ES52	vPro None	Pro 64	07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											
Implementation	Processor in LGA1155 socket											
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											
DP dongle	None											
Disk	SATA 6.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											
eSATA port	None											
Media reader	29-in-1 media reader, internal USB 2.0											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	None											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> ● Business black color; metal case ● 13.3" W X 15.2" D X 3.9" H ● 338mm W X 385mm D X 100mm H ● 16.5 lb (7.5 kg) in maximum configuration ● Toolless cover flips up and tilts backward on rear hinges ● Toolless disk and optical drive removal ● Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											
												
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											
	Preloaded operating system Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> ● Rescue and Recovery™ ● Password Manager Preloaded applications (only some listed) <ul style="list-style-type: none"> ● ThinkVantage® Product Recovery ● ThinkVantage System Update ● ThinkVantage Communication Utility ● ThinkVantage Power Manager ● View Management Utility ● Lenovo AppShop ● Lenovo Solution Center ● Lenovo Message Center Plus ● Lenovo SimpleTap ● Norton™ Internet Security (30 days of virus definitions) ● Adobe® Reader® ● Skype™ for Windows ● Windows Live™ Essentials ● Microsoft® Office preloaded; purchase a product key to activate ● Corel® Burn.Now™ (DVD±RW) ● Corel DVD MovieFactory® (DVD±RW) 											
	Security <ul style="list-style-type: none"> ● Security chip (see information on left) ● Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) ● Cable lock ● Power-on password ● Administrator password ● Hard disk password ● Boot sequence control ● Boot without keyboard and mouse ● Individual USB port disablement ● Chassis intrusion switch on selected model(s) 											
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies											

See footnotes for important warranty information
 WE model announced July 10, 2012
 WE models withdrawn effective May 2014

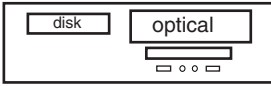
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ThinkCentre M92p Small (2988) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	Media reader	Graphics	PCIe Mini Card WLAN / BT	Chassis intrusion Switch	Floor stand	ENERGY STAR 5.2	Intel vPro Global	Preload	Ann date (mm/dd/yy)	
2988-C5G	4x3	i5-3470	4GBx1	500G 7200	DVD±RW	Media	HD 2500	Intel 6205	Switch	None	ES52	vPro	None	Win8 Pro64	10/23/12
2988-D6G	4x3	i5-3470	4GBx1	500G 7200	DVD±RW	Media	HD 2500	Intel 6205	Switch	None	ES52	vPro	None	Win7 Pro64	10/23/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											<i>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</i>
Implementation	Processor in LGA1155 socket											<i>Some: Windows 8 Pro 64-bit</i>
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											Preloaded applications (only some listed)
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											- Windows 7 models
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Adobe® Reader® • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW)
Disk	SATA 6.0Gb/s 7200 rpm											- Windows 8 models
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											<ul style="list-style-type: none"> • Lenovo® Support • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW)
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											- All models
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											<ul style="list-style-type: none"> • ThinkVantage System Update • Lenovo Solution Center • View Management Utility • Norton Internet Security (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™
eSATA port	None											
Media reader	29-in-1 media reader, internal USB 2.0											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector											
PCIe WLAN	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2											
Bluetooth	None											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	None											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.2" D X 3.9" H • 338mm W X 385mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											
												
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies

See footnotes for important warranty information
 WE models announced October 23, 2012
 WE models withdrawn effective May 2014

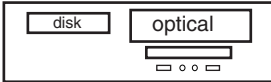
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ThinkCentre M92p Small (2996)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	Media reader	Display-Port Graphics	Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Intel vPro Global	Win7 preload	Ann date (mm/dd/yy)
2996-A1G	4x3	i5-3550	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	Switch	None	ES52	vPro	None	Pro 64 07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 1-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Genuine Windows® 7 Professional 64
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW)
Disk	SATA 6.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											
eSATA port	None											
Media reader	None											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	None											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.2" D X 3.9" H • 338mm W X 385mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											Security
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Supports ThinkVantage Technologies

See footnotes for important warranty information
 WE model announced July 10, 2012
 WE models withdrawn effective May 2014

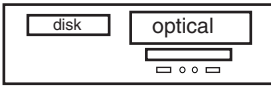
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ThinkCentre M92p Small (3209)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	Media reader	Display-Port Graphics	Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Intel vPro Global	Win7 preload	Ann date (mm/dd/yy)
3209-B4G	4x3	i5-3550	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	None	ES52	vPro	None	Pro 64 06/05/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system
Processor	Intel® Core™ i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											Genuine Windows® 7 Professional 64
Implementation	Processor in LGA1155 socket											Ready to install applications (only some listed)
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											Preloaded applications (only some listed)
DP dongle	None											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW)
Disk	SATA 6.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											
eSATA port	None											
Media reader	None											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	None											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.2" D X 3.9" H • 338mm W X 385mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											Security
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											<ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Supports ThinkVantage Technologies

See footnotes for important warranty information
 WE model announced June 5, 2012
 WE models withdrawn effective May 2014

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ThinkCentre M92p Small (3227) - GMP

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Win7 preload	Ann date (mm/dd/yy)
3227-A1G	4x3	i7-3770	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 4000	None	None	Stand	ES52	vPro	G P	Pro 64	06/05/12
3227-A2G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	vPro	G P	Pro 64	06/19/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Implementation	Processor in LGA1155 socket											Preloaded applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>														
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector														
eSATA port	None														
Media reader	None														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Floor Stand	System floor stand for vertical orientation														
Power supply	240 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.2" D X 3.9" H • 338mm W X 385mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											Security <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE models announced June 5 or June 19, 2012
 WE models withdrawn effective May 2014

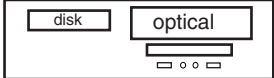
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ThinkCentre M92p Small (3227) - GMP (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intr switch	Floor stand	ENERGY STAR	Intel vPro 5.2	Global (G) GMP (P)	Ann date (mm/dd/yy)
3227-A3G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	vPro	G P	Win8 Pro64 10/23/12
3227-A4G	4x3	i5-3470	4GBx1 1600MHz	500G 7200	DVD±RW	None	HD 2500	None	None	Stand	ES52	vPro	G P	Win7 Pro64 10/23/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											<p>Preloaded operating system</p> <p>Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit</p> <p>Some: Windows 8 Pro 64-bit</p> <p>Preloaded applications (only some listed)</p> <p>- Windows 7 models</p> <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Lenovo® AppShop • Lenovo Message Center Plus • Lenovo SimpleTap • Adobe® Reader® • Windows Live™ Essentials • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) <p>- Windows 8 models</p> <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) <p>- All models</p> <ul style="list-style-type: none"> • ThinkVantage System Update • Lenovo Solution Center • View Management Utility • Norton Internet Security (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™ <p>Security</p> <ul style="list-style-type: none"> • Security chip (see information on left) • Security slot (in rear for attachment of optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Administrator password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Chassis intrusion switch on selected model(s)
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology											
Implementation	Processor in LGA1155 socket											
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											
DP dongle	None											
Disk	SATA 6.0Gb/s 7200 rpm											
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											
eSATA port	None											
Media reader	None											
Chipset	Intel Q77 Express Chipset											
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)											
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort											
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)											
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector											
Audio	High Definition (HD) Audio, Realtek® ALC662 codec											
Speaker	Internal speaker for business audio											
IEEE 1394	None											
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®											
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)											
Modem	None											
Security chip	Trusted Platform Module (TPM1.2-compliant)											
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo											
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo											
Floor Stand	System floor stand for vertical orientation											
Power supply	240 watts, autosensing, 85% PSU											
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 13.3" W X 15.2" D X 3.9" H • 338mm W X 385mm D X 100mm H • 16.5 lb (7.5 kg) in maximum configuration • Toolless cover flips up and tilts backward on rear hinges • Toolless disk and optical drive removal • Toolless adapter retention 											
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 3.5", 1" high, no access, std disk Bay 3: 3.5", .5" high, access, opt reader											
Slot	Slot 1: Low Profile, PCI Express 2.0 x16 (45w max) Slot 2: Low Profile, PCIe 2.0 x1 Slot 3: Low Profile, 32-bit PCI 2.3 Slot 4: Low Profile, 32-bit PCI 2.3											
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											
												
Supports ThinkVantage Technologies												

See footnotes for important warranty information
 WE models announced October 23, 2012
 WE models withdrawn effective May 2014

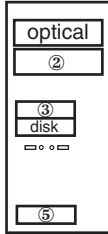
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ThinkCentre M92p Tower (2992) - TopSeller

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Intel vPro Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
2992-B3G	4x5	i7-3770	4GBx1 1600MHz	1TB 7200	Bay	DVD±RW	None	HD 4000	None	Switch	ES52	vPro None	Pro 64	07/10/12
2992-B4G	4x5	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	Media	HD 2500	None	Switch	ES52	vPro None	Pro 64	07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system		
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 		
Implementation	Processor in LGA1155 socket											Preloaded applications (only some listed)		
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 		
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>													
DP dongle	None													
Disk	SATA 6.0Gb/s 7200 rpm													
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support													
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector													
eSATA port	None													
Media reader	<i>Some:</i> 29-in-1 media reader, internal USB 2.0													
Chipset	Intel Q77 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®													
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> -Padlock loop (in rear for opt padlock) -Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 		
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies		

See footnotes for important warranty information
 WE models announced July 10, 2012
 WE models withdrawn effective May 2014

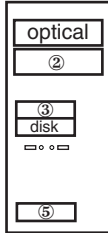
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ThinkCentre M92p Tower (2992) - TopSeller (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ⁸	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	PCIe Mini Card WLAN / BT	Chassis intrusion switch	ENERGY STAR 5.2	Intel vPro	Global	Preload	Ann date (mm/dd/yy)
2992-C7G	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	Media	HD 2500	Intel 6205	Switch	ES52	vPro	None	Win8 Pro64	10/23/12
2992-C8G	4x5	i7-3770	4GBx1	1TB 7200	Bay	DVD±RW	Media	HD 4000	Intel 6205	Switch	ES52	vPro	None	Win8 Pro64	10/23/12
2992-D9G	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	Media	HD 2500	Intel 6205	Switch	ES52	vPro	None	Win7 Pro64	10/23/12
2992-E1G	4x5	i7-3770	4GBx1	1TB 7200	Bay	DVD±RW	Media	HD 4000	Intel 6205	Switch	ES52	vPro	None	Win7 Pro64	10/23/12
2992-F4G	4x5	i5-3470	4GBx1	128G SSD	Bay	DVD±RW	Media	HD 2500	Intel 6205	Switch	ES52	vPro	None	Win7 Pro64	03/05/13

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Small and medium business (SMB) model(s), part of the Western Europe TopSeller™ Program
- 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit Some: Windows 8 Pro 64-bit			
Implementation	Processor in LGA1155 socket											Preloaded applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											- Windows 7 models			
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Adobe® Reader® • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
DP dongle	None											- Windows 8 models			
Disk	Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: Hard Disk Drive / SATA 6.0Gb/s, 3.5" Wide, 7200 rpm Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive											<ul style="list-style-type: none"> • Lenovo® Support • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) 			
Optical	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support											- All models			
SATA controller	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector											<ul style="list-style-type: none"> • ThinkVantage System Update • Lenovo Solution Center • View Management Utility • Norton Internet Security (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™ 			
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector														
eSATA port	None														
Media reader	29-in-1 media reader, internal USB 2.0														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector														
PCIe WLAN	11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2														
Bluetooth	None														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 														
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
												EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE models announced October 23, 2012 or March 5, 2013
 WE models withdrawn effective May 2014

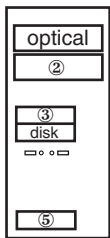
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ThinkCentre M92p Tower (2999)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Intel vPro Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
2999-A1G	4x5	i5-3550	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	Switch	ES52	vPro	None	Pro 64 07/10/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 1-year limited warranty

Positioning Processor	<i>Ultimate security, stability, and manageability for the enterprise</i>										Preloaded operating system			
Implementation	Intel® Core™ i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										Genuine Windows® 7 Professional 64			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										Ready to install applications (only some listed)			
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>										<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
DP dongle	None										Preloaded applications (only some listed)			
Disk	SATA 6.0Gb/s 7200 rpm										<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support													
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector													
eSATA port	None													
Media reader	None													
Chipset	Intel Q77 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®													
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3													
Limited Warranty	1-year, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock™ loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
											Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE model announced July 10, 2012
 WE models withdrawn effective May 2014

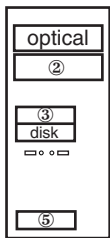
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ThinkCentre M92p Tower (3212)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Intel vPro Global	Win7 preload (mm/dd/yy)	Ann date (mm/dd/yy)
3212-A3G	4x5	i5-3550	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	vPro	None	Pro 64 06/05/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- 3-year limited warranty

Positioning Processor	<i>Ultimate security, stability, and manageability for the enterprise</i>										Preloaded operating system			
Implementation	Intel® Core™ i5-3550 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), Turbo Boost 2.0 (3.7GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										Genuine Windows® 7 Professional 64			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										Ready to install applications (only some listed)			
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>										<ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
DP dongle	None										Preloaded applications (only some listed)			
Disk	SATA 6.0Gb/s 7200 rpm										<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive													
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support													
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector													
eSATA port	None													
Media reader	None													
Chipset	Intel Q77 Express Chipset													
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)													
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort													
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)													
Internal connector	Two USB 2.0 planar conn (1 used; one open for additional USB devices), one internal DisplayPort connector													
Audio	High Definition (HD) Audio, Realtek® ALC662 codec													
Speaker	Internal speaker for business audio													
IEEE 1394	None													
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®													
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)													
Modem	None													
Security chip	Trusted Platform Module (TPM1.2-compliant)													
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo													
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo													
Power supply	280 watts, autosensing, 85% PSU													
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal, toolless adapter retention • Toolless disk, optical drive removal 													
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk													
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3													
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock™ loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold Cisco EnergyWise compatible GREENGUARD® certified RoHS-compliant			
											Supports ThinkVantage Technologies			

See footnotes for important warranty information
 WE model announced June 5, 2012
 WE models withdrawn effective May 2014

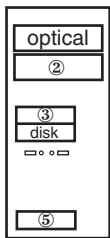
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 (G-MHTN1-5) May 2014

ThinkCentre M92p Tower (3228) - GMP

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Intel vPro	Global (G) GMP (P)	Win7 preload (mm/dd/yy)	Ann date
3228-A1G	4x5	i7-3770	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 4000	None	None	ES52	vPro	G P	Pro 64	06/05/12
3228-A2G	4x5	i5-3470	4GBx1 1600MHz	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	vPro	G P	Pro 64	06/19/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>											Preloaded operating system			
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Intel Core i7-3770 Processor (4 cores / 8 threads, 3.4GHz, 8MB cache), Turbo Boost 2.0 (3.9GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket											Genuine Windows® 7 Professional 64 Ready to install applications (only some listed) <ul style="list-style-type: none"> • Rescue and Recovery™ • Password Manager 			
Implementation	Processor in LGA1155 socket											Preloaded applications (only some listed)			
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets											<ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage System Update • ThinkVantage Communication Utility • ThinkVantage Power Manager • View Management Utility • Lenovo AppShop • Lenovo Solution Center • Lenovo Message Center Plus • Lenovo SimpleTap • Norton™ Internet Security (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Windows Live™ Essentials • Microsoft® Office preloaded; purchase a product key to activate • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) 			
Graphics	Intel HD Graphics 2500 or Intel HD Graphics 4000 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>														
DP dongle	None														
Disk	SATA 6.0Gb/s 7200 rpm														
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support														
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector														
eSATA port	None														
Media reader	None														
Chipset	Intel Q77 Express Chipset														
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)														
Rear ports	Four USB 3.0, two USB2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort														
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)														
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector														
Audio	High Definition (HD) Audio, Realtek® ALC662 codec														
Speaker	Internal speaker for business audio														
IEEE 1394	None														
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®														
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)														
Modem	None														
Security chip	Trusted Platform Module (TPM1.2-compliant)														
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo														
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo														
Power supply	280 watts, autosensing, 85% PSU														
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention 											Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 			
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk														
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3														
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available											EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies			

See footnotes for important warranty information

WE models announced June 5 or June 19, 2012

WE models withdrawn effective May 2014

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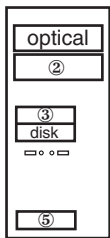
(G-MHTN1-6) May 2014

ThinkCentre M92p Tower (3228) - GMP (Win 8)

Product Specifications Reference (PSREF)

Type-model	Slot x bay	Processor	Memory ^a	SATA disk GB rpm	2nd Disk Bay	SATA optical	Media reader	Graphics	Display-Port dongle	Chassis intrusion switch	ENERGY STAR 5.2	Intel Global (G) vPro GMP (P)	Preload	Ann date (mm/dd/yy)
3228-A3G	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	vPro G P	Win8 Pro64	10/23/12
3228-A4G	4x5	i5-3470	4GBx1	500G 7200	Bay	DVD±RW	None	HD 2500	None	None	ES52	vPro G P	Win7 Pro64	10/23/12

- Next Generation Intel platform with latest Intel vPro™ Technology and Intel Active Management Technology
- Part of the Global Models Plus (GMP) program with limited onsite service 3-year limited warranty

Positioning	<i>Ultimate security, stability, and manageability for the enterprise</i>										
Processor	Intel® Core™ i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), Turbo Boost 2.0 (3.6GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller, Virtualization Technology Processor in LGA1155 socket										
Implementation	Processor in LGA1155 socket										
Memory	32GB max, UDIMM, PC3-12800 1600MHz DDR3 , four 240-pin DIMM sockets										
Graphics	Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DisplayPort™, supports dual independent display; <i>Maximum resolution: 2560x1600 (DisplayPort, VGA) @60Hz</i>										
DP dongle	None										
Disk	SATA 6.0Gb/s 7200 rpm										
Optical	Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive										
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0/1 support										
Onboard SATA	Two SATA cables (each 1-drop to device), two SATA 6.0Gb/s connectors, one SATA 3.0Gb/s connector, and one eSATA connector										
eSATA port	None										
Media reader	None										
Chipset	Intel Q77 Express Chipset										
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)										
Rear ports	Four USB 3.0, two USB 2.0, serial (9-pin), ethernet (RJ-45), VGA DB-15, DisplayPort										
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)										
Internal connector	Two USB 2.0 planar conn (1 used; one open for media reader or 2 rear USB ports), one internal DisplayPort connector										
Audio	High Definition (HD) Audio, Realtek® ALC662 codec										
Speaker	Internal speaker for business audio										
IEEE 1394	None										
Ethernet	One gigabit ethernet port, Intel 82579, Wake on LAN®										
Intel AMT	Intel Active Management Technology 8.0 (Intel AMT 8.0)										
Modem	None										
Security chip	Trusted Platform Module (TPM1.2-compliant)										
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo										
Mouse	Enhanced Optical USB Mouse, black, Lenovo logo										
Power supply	280 watts, autosensing, 85% PSU										
Machine	<ul style="list-style-type: none"> • Business black color; metal case • 6.9" W X 17.4" D X 16.3" H • 175mm W X 442mm D X 414mm H • 24.2 lb (11.0 kg) in maximum configuration • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention 										
Bay	Bay 1: 5.25", 1.6" high, access, std optical Bay 2: 5.25", 1.6" high, access, open Bay 3: 3.5", 1" high, access, opt reader Bay 4: 3.5", 1" high, no access, std disk Bay 5: 3.5", 1" high, no access, opt disk										
Slot	Slot 1: half-length, full-height, PCI Express 2.0 x16 (75w max) Slot 2: half-length, full-height, PCIe 2.0 x1 Slot 3: half-length, full-height, 32-bit PCI 2.3 Slot 4: half-length, full-height, 32-bit PCI 2.3										
											
Limited Warranty	3-years, limited onsite service , 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available										
	Preloaded operating system <i>Some:</i> Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit <i>Some:</i> Windows 8 Pro 64-bit										
	Preloaded applications (only some listed) - Windows 7 models <ul style="list-style-type: none"> • ThinkVantage® Product Recovery • ThinkVantage Communication Utility • ThinkVantage Power Manager • Lenovo® AppShop • Lenovo Message Center Plus • Lenovo SimpleTap • Adobe® Reader® • Windows Live™ Essentials • Corel® Burn.Now™ (DVD±RW) • Corel DVD MovieFactory® (DVD±RW) - Windows 8 models <ul style="list-style-type: none"> • Lenovo Support • Lenovo Companion • Lenovo Cloud Storage • Norton™ Studio • AccuWeather • Evernote® • Cyberlink Power2Go (DVD±RW) • Cyberlink PowerProducer (DVD±RW) - All models <ul style="list-style-type: none"> • ThinkVantage System Update • Lenovo Solution Center • View Management Utility • Norton Internet Security (30 days of virus definitions) • Microsoft® Office preloaded; purchase a product key to activate • Skype™ 										
	Security <ul style="list-style-type: none"> • Security chip (see information on left) • One lock to secure both cover and entire system to fixed object: <ul style="list-style-type: none"> - Padlock loop (in rear for opt padlock) - Security slot (in rear for optional Kensington® MicroSaver® cable) • Cable lock • Power-on password • Hard disk password • Boot sequence control • Boot without keyboard and mouse • Serial port I/O control • Individual USB port disablement • Chassis intrusion switch on selected model(s) 										
	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ULE Gold GREENGUARD® certified RoHS-compliant Supports ThinkVantage Technologies										

See footnotes for important warranty information
 WE models announced October 23, 2012
 WE models withdrawn effective May 2014

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