Lenovo ThinkCentre M72e Tiny, Small, Tower

Lenovo ThinkCentre M72e Tiny with Optional Serial Port

Lenovo ThinkCentre M72e Small

Lenovo ThinkCentre M72e Tower

Lenovo ThinkCentre M72e Tiny with External Optical Box

Lenovo ThinkCentre M72e Tiny, Small, and Tower with Lenovo ThinkVision Monitor

Lenovo ThinkCentre M72e Tiny with Lenovo ThinkVision Monitor
### ThinkCentre M72e Tiny (4156)

<table>
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<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>SATA disk GB</th>
<th>rpm</th>
<th>External optical</th>
<th>Graphics</th>
<th>Display-Port dongle</th>
<th>Optional port</th>
<th>Chassis intrusion switch</th>
<th>Floor stand</th>
<th>VESA mount</th>
<th>ENERGY STAR</th>
<th>Win7 preload</th>
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<td>5.2</td>
<td>None</td>
<td>6/05/12</td>
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</table>

#### Positioning
- Ultimate security, stability, and manageability for the enterprise

#### Processor
- Intel® Pentium® G630T Processor (2 cores / 2 threads, 2.3GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller

#### Implementation
- Processor in LGA1155 socket

#### Memory
- 16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook), System automatically clocks down for processors with 1066MHz memory controller

#### Graphics
- Intel HD Graphics in processor, uses main memory, HDCP, DirecX® 10.1, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution vary by processor (65 CPU supports max: 2560x2048)

#### DP dongle
- None

#### Disk
- SATA 3.0Gb/s, 2.5" Wide, 5400 rpm

#### External optical
- None

#### SATA controller
- Serial ATA, SATA 3.0Gb/s, integrated in chipset

#### Onboard SATA eSATA port
- One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar

#### Chipset
- Intel H61 Express Chipset

#### Front ports
- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

#### Rear ports
- Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial 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

#### Ethernet
- Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

#### Intel AMT
- None

#### Modem
- None

#### Security chip
- None

#### 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

#### VESA mount
- Supports VESA 75mm and 100mm mount standard

#### Power supply
- 65 watts AC/DC adapter, autosensing, 87% PSU

#### Machine
- 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
- 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)

#### Security
- 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)

#### ENERGY STAR
- 5.2-compliant

#### RoHS-compliant
- Cisco EnergyWise compatible
- GREENGUARD® certified

#### Preloaded operating system
- Genuine Windows® 7 Professional 64

#### Ready to install applications (only some listed)
- Rescue and Recovery™
- Password Manager
- Preloaded applications (only some listed)
  - ThinkVantage® Product Recovery
  - ThinkVantage System Update
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - View Management Utility
  - 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)

#### Limited Warranty
- 1-year, customer carry-in service / service upgrades available

See footnotes for important warranty information

WE model announced June 5, 2012

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(G-MOSI1-1) May 2014

Supports ThinkVantage Technologies
**ThinkCentre M72e Tiny (3261)**

<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>SATA disk GB</th>
<th>rpm</th>
<th>External optical</th>
<th>Graphics</th>
<th>Display-Port dongle</th>
<th>Optional port</th>
<th>Chassis switch</th>
<th>Floor stand</th>
<th>VESA mount</th>
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<tbody>
<tr>
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<td>4GBx1</td>
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<td>320G</td>
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<td>USB</td>
<td>Switch</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>Pro 64</td>
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</table>

- **Processor**: Intel® Pentium® G630T Processor (2 cores / 2 threads, 2.3GHz, 3MB cache), integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller
- **Memory**: 16GB max, PC3-12800 1600MHz DDR3, two 204-pin SODIMM sockets (notebook), System automatically clocks down for processors with 1066MHz memory controller

- **Preloaded operating system**: Genuine Windows® 7 Professional 64
- **Preloaded applications (only some listed)**:
  - Rescue and Recovery™
  - Password Manager
- **Preloaded applications (only some listed)**:
  - ThinkVantage® Product Recovery
  - ThinkVantage System Update
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - View Management Utility
  - 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)
  - Corel® ®Burn.Now™ (DVD±RW)
  - Corel DVD MovieFactory® (DVD±RW)

- **Security**:
  - 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 on-site service, 8 am-5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 5 pm will require an additional next business day for service dispatch / service upgrades available

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See footnotes for important warranty information

WE model announced July 10, 2012
WE models withdrawn effective May 2014

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### ThinkCentre M72e Tiny (4004) - TopSeller

#### Product Specifications Reference (PSREF)

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<th>Graphics</th>
<th>Display-Port</th>
<th>PCIe Mini Card</th>
<th>PCIe WLAN</th>
<th>Optional port</th>
<th>Chassis Intrusion switch</th>
<th>Floor stand</th>
<th>VESA mount</th>
<th>ENERGY STAR</th>
<th>Win7 preload</th>
<th>Ann date (mm/dd/yy)</th>
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<td>Mount</td>
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<td>None</td>
<td>Pro 64 06/19/12</td>
</tr>
</tbody>
</table>

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

### General Specifications

- **Positioning**: Essential business features, exceptional value

### Processor

- **Intel® Pentium® G640T Processor (2 cores / 2 threads, 2.4GHz, 3MB cache)**, integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller

### Implementation

- Processor in LGA1155 socket

### Memory

- 16GB max, supports dual independent display
- System automatically clocks down for processors with Intel HD graphics

### Graphics

- Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display
- **Maximum resolution vary by processor (i5 CPU supports max: 2560x2048)**

### Disk

- SATA 3.0Gb/s, 2.5" Wide

### External optical

- None

### SATA controller

- Serial ATA, SATA 3.0Gb/s, integrated in chipset

### Onboard SATA eSATA port

- One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar

### Chipset

- **Intel H61 Express Chipset**

### Front ports

- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
- Rear ports: Three USB 2.0 (external ODD occupied USB 2.0 port on some models), Ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)

### PCIe Mini Card

- One PCI Express® Mini Card slot

### PCIe WLAN

- Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 2230, Wi-Fi + Bluetooth combo adapter, 2x2

### Bluetooth

- None: 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

### Ethernet

- Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

### Intel AMT

- None

### Modem

- None

### Security chip

- None

### 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

### VESA mount

- Supports VESA 75mm and 100mm mount standard

### Power supply

- 65 watts AC/DC adapter, autosensing, 87% PSU

### Machine

- 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
- 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)

### Security

- 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)

### Preloaded operating system

- Genuine Windows® 7

### Ready to install applications

- (only some listed): Rescue and Recovery™
- Password Manager

### Preloaded applications

- (only some listed): ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- 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)

### 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

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See footnotes for important warranty information

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WE models announced June 19, 2012
WE models withdrawn effective May 2014

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### ThinkCentre M72e Tiny (4004) - TopSeller (Win 8)

#### Processor

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<th>External optical</th>
<th>Display-Port dongle</th>
<th>PCIe Mini Card</th>
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<td>None</td>
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</table>

#### Preloaded operating system

**Some:** Windows 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit

**Some:** Windows 8 Pro 64-bit

#### Preloaded applications (only some listed)

- **Windows 7 models**
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn.Now™ (DVD+RW)
  - Corel DVD MovieFactory® (DVD+RW)

- **Windows 8 models**
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go® (DVD+RW)
  - Cyberlink PowerProducer® (DVD+RW)

- **All models**
  - 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

- 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

See footnotes for important warranty information
## ThinkCentre M72e Tiny (3264)

### Processor and Memory

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<th>Processor</th>
<th>Memory</th>
<th>SATA disk</th>
<th>External optical</th>
<th>Graphics</th>
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</table>

### Graphics

- **Intel HD Graphics** in processor, uses main memory, HDCP, DirectX® 10.1, supports dual independent display; **System automatically clocks down for processors with 1066MHz memory controller**

### Chipset

- Intel H61 Express Chipset

### 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

---

### Machine

- 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
- 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)

---

### Preloaded operating system

Genuine Windows® 7 Professional 64

### Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

### Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- 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

- 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)

### ENERGY STAR® 5.2-compliant

Genuine Windows® 7 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

---

See footnotes for important warranty information

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WE models announced June 5 or September 11, 2012

WE models withdrawn effective May 2014
**Preloaded operating system**
Genuine Windows® 7 Professional 64

**Ready to install applications (only some listed):**
- Rescue and Recovery™
- Password Manager

**Preloaded applications (only some listed):**
- ThinkVantage® Product Recovery
- ThinkVantage Communication Utility
- 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
- Norton™ Internet Security
- Microsoft® Office preloaded; purchase a product key to activate
- Corel® Burn.Now™ (DVD ±RW)
- Corel DVD MovieFactory® (DVD ±RW)
- Cisco EnergyWise compatible
- GREENGUARD® certified
- RoHS-compliant
- Supports ThinkVantage Technologies

### 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):
- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed):
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility
- 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® MovieFactory® (DVD±RW)

Security
- 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

EPEAT™ Gold rating
ENERGY STAR® 5.2-compliant
Cisco EnergyWise compatible
GREENGUARD® certified
RoHS-compliant

Supports ThinkVantage Technologies
ThinkCentre M72e Tiny (3267) - GMP (Thin Client)

Product Specifications Reference (PSREF)

Positioning

Processor: Ultimate security, stability, and manageability for the enterprise
- 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

Memory: 16GB max, implementation: Processor in LGA1155 socket

Graphics: Intel HD Graphics in processor, uses main memory, HDCP, DirectX® 10.1, one VGA, one DisplayPort™, supports dual independent display; Maximum resolution: 2560x1600 (VGA)@60Hz

Display Port dongle: None

Disk: Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" Wide

External optical port: None

SATA controller: Serial ATA, SATA 3.0Gb/s, integrated in chipset

Onboard SATA port: One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar controller

Chipset: Intel H61 Express Chipset

Front ports: Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports: Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial on selected models)

PCIe Mini Card: One PCI Express® Mini Card slot

PCIe WLAN: Some: 11b/g/n wireless, PCIe Half Mini Card, Intel Centrino® Wireless-N 105, 1x1

Bluetooth: None

Audio: High Definition (HD) Audio, Realtek® ALC662 codec

Speaker: Internal speaker for business audio

Ethernet: Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

Intel AMT: None

Modern: None

Security chip: None

Keyboard: None

Mouse: None

Floor Stand: None

VESAMount: None

Power supply: 65 watts AC/DC adapter, autosensing, 87% PSU

Machine: 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
- 4.6 lb (2.1 kg) in maximum configuration (not 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

Preloaded operating system: Genuine Windows® 7 Embedded 32

Preloaded applications (only some listed)
- 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

Security
- 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

EPEAT® Gold rating: ENERGY STAR® 5.2-compliant

GREENGUARD® certified: RoHS-compliant

Supports ThinkVantage Technologies

See footnotes for important warranty information

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WE models withdrawn effective May 2014

(G-MOSI1-12) May 2014
<table>
<thead>
<tr>
<th>Type-model</th>
<th>Processor</th>
<th>Memory</th>
<th>SATA disk</th>
<th>External optical</th>
<th>Graphics</th>
<th>DisplayPort dongle</th>
<th>Optional port</th>
<th>Floor stand</th>
<th>VESA mount</th>
<th>ENERGY STAR 5.2</th>
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<th>Preload</th>
<th>Ann date (mm/dd/yy)</th>
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<td>320G</td>
<td>DVD±RW</td>
<td>HD 2500</td>
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<td>Mount</td>
<td>ES52</td>
<td>G P</td>
<td>Win7 Pro64</td>
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<td>Mount</td>
<td>ES52</td>
<td>G P</td>
<td>Win7 Pro64</td>
<td>10/23/12</td>
</tr>
</tbody>
</table>

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

Positioning
Ultimate security, stability, and manageability for the enterprise

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®, two 204-pin SODIMM sockets (notebook)

DP dongle
Intel H61 Express Chipset

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 3.0Gb/s, integrated in chipset

Onboard SATA eSATA port
One SATA cable (1-drop to device), one SATA 3.0Gb/s connector on planar

Chipset
Intel H61 Express Chipset

Front ports
Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports
Three USB 2.0 (external ODD occupies dedicated USB 2.0 port on some models), ethernet (RJ-45), VGA DB-15, DisplayPort connector, one optional port (USB 2.0 / serial 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

Ethernet
Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

Intel AMT
None

Modem
None

Security chip
None

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
- Business black color; metal case
- 17.1" W X 7.2" D X 1.4" H
- 179mm W X 182mm D X 34.5mm H
- 4.6 lb (2.1 kg) in maximum configuration (not including External Optical Box)

Preloaded operating system
Some: Windows® 7 Professional 64-bit preinstalled through downgrade rights in Windows 8 Pro 64-bit

Preloaded applications (only some listed)
- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn Now™ (DVD±RW)
  - Corel DVD MovieFactory™ (DVD±RW)

- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go (DVD±RW)
  - Cyberlink PowerProducer (DVD±RW)

- All models
  - 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
- 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

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

See footnotes for important warranty information

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WE models announced October 23, 2012
WE models withdrawn effective May 2014

(G-MOS1-17) May 2014
<table>
<thead>
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<th>Type-model</th>
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<th>SATA rpm</th>
<th>SATA optical</th>
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<th>Chassis</th>
<th>Floor stand</th>
<th>ENERGY STAR 5.2</th>
<th>Global</th>
<th>Win7 preload</th>
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<td>None</td>
<td>None</td>
<td>Pro 64</td>
<td>07/10/12</td>
</tr>
</tbody>
</table>

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

Positioning

Processor

Intel® Pentium® G850 Processor (2 cores / 2 threads, 2.9GHz, 3MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology

Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology

Implementation

Processor in LGA1155 socket

Memory

16GB max, UDIMM, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets; System automatically clocks down for processors with 1333MHz DDR3 memory controller

Graphics

Intel HD Graphics or Intel HD Graphics 2000 in processor, uses main memory, integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology

Disk

SATA 3.0Gb/s 7200 rpm

Optical

Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

SATA controller

Serial ATA, SATA 3.0Gb/s, integrated in chipset

Onboard SATA

Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar

eSATA port

9-in-1 media reader, internal USB 2.0

Chipset

Intel H61 Express Chipset

Front ports

Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports

Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D

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)

Audio

High Definition (HD) Audio, Realtek® ALC662 codec

Pcie WLAN

None

Bluetooth

None

Speaker

Internal speaker for business audio

IEEE 1394

None

Ethernet

Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

Intel AMT

None

Modem

None

Security chip

None

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, active Power Factor Correction

Machine

- Business black color; metal case
- 13.2" W X 15.0" D X 3.9" H
- 335mm W X 382mm D X 101mm H
- 14.6 lb (6.6 kg) in maximum configuration
- Highlighted optical drive button for easy access
- Bay 1: 5.25". 1.6" high, access, standard optical
- Bay 2: 3.5". 1" high, no access, standard disk
- Bay 3: 1.5". .35" high, access, optional reader
- "Bay only available on models with media reader installed"

Bay Slot

Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max)
Slot 2: Low Profile, PCI Express® 2.0 x1
Slot 3: Low Profile, PCI Express® 2.0 x1

Security

- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for optional padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator 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)

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

Preloaded operating system

Genuine Windows® 7 Professional 64

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility
- 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)

See footnotes for important warranty information

WE models announced July 10, 2012
WE models withdrawn effective May 2014

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Supports ThinkVantage Technologies

Cisco EnergyWise compatible
RoHS-compliant
<table>
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<tr>
<th>Type-model</th>
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<th>Processor</th>
<th>Memory</th>
<th>SATA disk GB</th>
<th>SATA optical rpm</th>
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<td>Win7 Pro64</td>
</tr>
</tbody>
</table>

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

Positioning: Essential business features, exceptional value
Processor: Intel® Pentium® G870 Processor (2 cores / 2 threads, 3.1GHz, 3MB cache), integrated Intel HD Graphics, integrated 1333MHz dual-channel DDR3 memory controller, Virtualization Technology
Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller

Implementation: Processor in LGA1155 socket

Memory: 16GB max, UDIMM, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets; System automatically clocks down for processors with 1333MHz DDR3 memory controller

Graphics: Intel HD Graphics 2500 in processor, uses main memory, one VGA, one DVI-D, supports dual independent display, Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1200 (DVI-D)@60Hz

Disk: SATA 3.0Gb/s 7200 rpm
Optical: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA controller: Serial ATA, SATA 3.0Gb/s, integrated in chipset
Onboard SATA: Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar
Media reader: 9-in-1 media reader, internal USB 2.0

Chipset: Intel H61 Express Chipset

Front ports: Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports: Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D
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)
Audio: High Definition (HD) Audio, Realtek ALC662 codec
PCle WLAN*: None
Bluetooth: None
Speaker: Internal speaker for business audio
IEEE 1394: None
Ethernet: Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®
Intel AMT: None
Modem: None
Security chip: None

Keyboard: Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo
Mouse: Enhanced Optical USB Mouse, black, Lenovo logo
Foot Stand: None
Power supply: 240 watts, autosensing, active Power Factor Correction

Machine: Business black color; metal case
Bay: 13.2" W x 15.0" D x 3.9" H
335mm W x 382mm D x 101mm H
14.6 lb (6.6 kg) in maximum configuration
Bay 1: 5.25". 1.6" high, access, std optical
Bay 2: 3.5", 1" high, no access, std disk
Bay 3: 3.5" .35" high, access, opt reader*
*bay only available on models with media reader installed
Slot: Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max)
Slot 2: Low Profile, PCle 2.0 x1
Slot 3: Low Profile, PCle 2.0 x1

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 service dispatch / service upgrades available

Preloaded operating system:
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows 8 Pro 64-bit

Preloaded applications (only some listed):
- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel™ Burn Now™ (DVD±RW)
  - Corel DVD MovieFactory™ (DVD±RW)
- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go (DVD±RW)
  - Cyberlink PowerProducer (DVD±RW)
- All models
  - 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:
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Serial port I/O control
- Individual USB port disablement
- Chassis intrusion switch on selected model(s)

Cisco EnergyWise compatible
RoHS-compliant

Supports ThinkVantage Technologies

See footnotes for important warranty information
©Lenovo (G-MOSI1-19) May 2014

WE models announced October 23, 2012
WE models withdrawn effective May 2014
ThinkCentre M72e Small (0967) - TopSeller

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

Positioning: Essential business features, exceptional value

Processor: 
- Intel® Core™ i3-2120 Processor (2 cores / 4 threads), 3.3GHz, 3MB cache),
- Intel Core i5-3470 Processor (4 cores / 4 threads, Turbo Boost 2.0, 3.6GHz),
- Intel HD Graphics 2500, 1333MHz dual-channel DDR3 memory controller,
- Virtualization Technology

Implementation: 
- Processor in LGA1155 socket

Memory: 16GB max,
- Processor in LGA1155 socket

Graphics: 
- Intel HD Graphics 2500
- Intel HD Graphics 2500

Disk: 
- SATA 3.0Gb/s, 1.5" x .35" high, access, opt reader

Optical: 
- Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

Network: 
- 802.11b/g/n Wireless LAN (Intel 7260AN+HMW)
- Intel Ethernet I219-LM 10/100/1000Mbs

Audio: 
- Realtek ALC662 codec
- High Definition Audio, Realtek ALC662 codec

Front ports: 
- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports: 
- Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45),
- VGA DB-15 (DVI-D)

Chipset: 
- Intel H61 Express Chipset

Preloaded operating system: 
- Genuine Windows® 7
- Professional 64

Ready to install applications (only some listed): 
- Internet Explorer
- Adobe Reader
- Microsoft Office preloaded

Preloaded applications (only some listed): 
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility

Security: 
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
  - Power-on password
  - Administrator 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)

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

Cisco EnergyWise compatible
RoHS-compliant
Supports ThinkVantage Technologies

See footnotes for important warranty information

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WE models announced July 10 or October 9, 2012
WE models withdrawn effective May 2014
<table>
<thead>
<tr>
<th>Type-model</th>
<th>Slot x bay</th>
<th>Processor</th>
<th>Memory</th>
<th>SATA disk GB</th>
<th>SATA optical</th>
<th>Graphics</th>
<th>Chassis intr switch</th>
<th>Floor stand</th>
<th>ENERGY STAR 5.2</th>
<th>Win7 preload</th>
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<tr>
<td>3660-E1G</td>
<td>3x2</td>
<td>i3-3220</td>
<td>4GBx1</td>
<td>1600MHz</td>
<td>500G 7200</td>
<td>DVD±RW</td>
<td>HD 2500</td>
<td>Switch</td>
<td>ES52</td>
<td>None</td>
<td>Pro 64</td>
</tr>
</tbody>
</table>

- **3-year limited warranty**

### Positioning
- **Essential business features, exceptional value**

### Processor
- Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller

### Implementation
- Processor in LGA1155 socket

### Memory
- 16GB max, UDIMM, PC3-12800 1600MHz DDR3. Two 240-pin DIMM sockets

### Graphics
- Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display
- Maximum resolution: 2560x1600 (VGA)@60Hz; 1920x1080 (DVI-D)@60Hz

### Disk
- SATA 3.0Gb/s 7200 rpm

### Optical
- Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

### SATA controller
- Serial ATA, SATA 3.0Gb/s, integrated in chipset

### Onboard SATA eSATA port
- Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar

### Media reader
- None

### Chipset
- Intel H61 Express Chipset

### Front ports
- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

### Rear ports
- Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D

### 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)

### Audio
- High Definition (HD) Audio, Realtek® ALC662 codec

### PCIe WLAN
- None

### Bluetooth
- None

### Speaker
- Internal speaker for business audio

### IEEE 1394
- None

### Ethernet
- Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®

### Intel AMT
- None

### Modem
- None

### Security chip
- None

### 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
- Business black color; metal case
- 13.2" W X 15.0" D X 3.9" H
- 335mm W X 382mm D X 101mm H
- 14.6 lb (6.6 kg) in maximum configuration
- Highlighted optical drive button for easy access

### Bay
- Bay 1: 5.25", 1.6" high, access, std optical
- Bay 2: 3.5", 1" high, no access, std disk

### Slot
- Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max)
- Slot 2: Low Profile, PCIe 2.0 x1
- Slot 3: Low Profile, PCIe 2.0 x1

### 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)**
- Rescue and Recovery™
- Password Manager

**Preloaded applications (only some listed)**
- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility
- 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**
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator 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
- Cisco EnergyWise compatible
- GREENGUARD® certified
- RoHS-compliant

Supports ThinkVantage Technologies

See footnotes for important warranty information
WE model announced September 11, 2012
WE models withdrawn effective May 2014
©Lenovo (G-MOSI1-13) May 2014
### ThinkCentre M72e Small (3664) - ES 5.2 (GMP)

**Product Specifications Reference (PSREF)**

#### Processor

- **Type-model**: Processor Memory
  - 3664-A1G 3x2 i3-3220 4GBx1 1600MHz 500G 7200 DVD±RW HD 2500 Switch Stand ES52 G P Pro 64 08/21/12
  - 3664-A2G 3x2 i5-3470 4GBx1 1600MHz 500G 7200 DVD±RW HD 2500 None Stand ES52 G P Pro 64 06/19/12
  - 3664-A4G 3x2 i5-3550 4GBx1 1600MHz 500G 7200 DVD±RW HD 2500 Switch Stand ES52 G P Pro 64 06/05/12

#### Graphics

- Intel HD Graphics 2500
- Intel HD Graphics 3000

#### Memory

- 16GB max

#### Ethernet

- Gigabit ethernet port
- Realtek RTL8111E
- Wake on LAN

#### Speaker

- Internal speaker for business audio

#### Bluetooth

- None

#### Keyboard

- Lenovo Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo logo

#### Floor Stand

- System floor stand for vertical orientation

#### Power supply

- 240 watts, autosensing, 85% PSU

#### Machine

- Business black color, metal case
- 13.2" W X 15.0" D X 3.9" H
- 335mm W X 382mm D X 101mm H
- 14.6 lb (6.6 kg) in maximum configuration
- Highlighted optical drive button for easy access

#### Bay

- Bay 1: 5.25", 1.6" high, access, std optical
- Bay 2: 3.5", 1" high, no access, std optical

#### Slot

- Slot 1: Low Profile, PCI Express® 2.0 x16 (40w max)
- Slot 2: Low Profile, PCIe 2.0 x1
- Slot 3: Low Profile, PCIe 2.0 x1

---

**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

---

**Securty**

- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for optional Kensington® MicroSaver® cable)
  - Power-on password
  - Administrator 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)

---

**Preloaded operating system**

- Genuine Windows® 7
- Professional 64

**Ready to install applications (only some listed)**

- Rescue and Recovery™
- Password Manager

**Preloaded applications (only some listed)**

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility
- 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)

---

**Chain of custody**

- MicroSaver® security logo

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**EPEAT Gold rating**

- ENERGY STAR® 5.2-compliant
- Cisco EnergyWise compatible
- GREENGUARD® certified
- RoHS-compliant

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**Supports ThinkVantage Technologies**

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**See footnotes for important warranty information**

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WE models withdrawn effective May 2014
### ThinkCentre M72e Small (3664) - ES 5.2 (GMP) - Win 8

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<th>Type-model</th>
<th>Slot x bay</th>
<th>Processor</th>
<th>Memory</th>
<th>SATA disk GB</th>
<th>SATA optical</th>
<th>Graphics</th>
<th>Chassis switch</th>
<th>Floor stand</th>
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<td>HD 2500</td>
<td>None</td>
<td>ES52</td>
<td>G P</td>
<td>Win7 Pro64</td>
<td>10/23/12</td>
</tr>
</tbody>
</table>

## Preloaded operating system

Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows 8 Pro 64-bit

## Preloaded applications (only some listed)

- **Windows 7 models**
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn.Now™ (DVD±RW)
  - Corel DVD MovieFactory® (DVD±RW)

- **Windows 8 models**
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton® Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go (DVD±RW)
  - Cyberlink PowerProducer (DVD±RW)

### All models

- 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

- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for optional lock)
  - Security slot (in rear for optional Kensington® MicroSaver® cable)
- Power-on password
- Administrator 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)

## Countries

- **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**
- **Cisco EnergyWise compatible**
- **GREENGUARD® certified**
- **RoHS-compliant**

Supports ThinkVantage Technologies

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See footnotes for important warranty information

WE models announced October 23, 2012

WE models withdrawn effective May 2014
ThinkCentre M72e Tower (0896) - TopSeller

Product Specifications Reference (PSREF)

- Ethernet Gigabit ethernet port, Realtek RTL8111E, Wake on LAN
- IEEE 1394 None
- Speaker Internal speaker for business audio
- Bluetooth None
- Graphics Intel HD Graphics
- Memory 16GB max,
- Keyboard Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo
- Security chip None
- Modem None
- Security None
- Mouse Enhanced Optical USB Mouse, black, Lenovo logo
- Power supply 280 watts with variable speed fan, manual switch
- Machine
  - Business black color; metal case
  - 8.3" W x 16.6" D x 15.3" H (with handle)
  - 160mm W x 422mm D x 388mm H
  - 20.7 lb (9.4 kg) in maximum configuration
  - Handle on top front
  - Highlighted optical drive button for easy access
- 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", 1" high, access, std optical
  - Slot 1: half-length, full-height, PCI Express 2.0 x16 (60w max)
  - Slot 2: half-length, full-height, PCIe 2.0 x1
  - Slot 3: half-length, full-height, PCIe 2.0 x1

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

Preloaded operating system
- Some: No operating system
- Some: Genuine Windows 7 Professional 64

Ready to install applications
- (Windows 7 models; only some listed)
  - Rescue and Recovery™
  - Password Manager

Preloaded applications
- (Windows 7 models; only some listed)
  - ThinkVantage® Product Recovery
  - ThinkVantage System Update
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - View Management Utility
  - Lenovo Solution Center
  - Lenovo Message Center Plus
  - Lenovo Simple Tap
  - 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)

See footnotes for important warranty information
WE models announced July 10 or September 4, 2012
WE models withdrawn effective May 2014

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(M-GOS11-8) May 2014
<table>
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<th>Type-model</th>
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<th>Memory</th>
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<th>2nd Disk Bay</th>
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<td>07/10/12</td>
<td></td>
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</tr>
</tbody>
</table>

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

Positioning

- Essential business features, exceptional value

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

- 16GB max, UDIMM, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets

Graphics

- Some: Intel HD Graphics 2500 in processor, uses main memory, DirectX® 11, one VGA, one DVI-D, supports dual independent display; Maximum resolution: 2560x1600 (VGA)@60Hz, 1920x1200 (DVI-D)@60Hz
- Some: AMD Radeon™ HD 7350, DirectX 11, 3D Hardware Acceleration, 512MB, PCI Express® 2.0 x16 adapter, one DVI-I (includes DVI-to-VGA dongle), one DisplayPort™, 30 watts; Maximum resolution: 2560x1600 (DisplayPort, DVI-I)@60Hz; works along with Intel HD Graphics to support up to four independent monitors

Disk

- SATA 3.0Gb/s 7200 rpm

Optical

- Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

SATA controller

- Serial ATA, SATA 3.0Gb/s, integrated in chipset

Onboard SATA eSATA port

- Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors on planar
- Media reader 9-in-1 media reader, internal USB 2.0

Chipset

- Intel H61 Express Chipset

Front ports

- Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

Rear ports

- Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D

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)

Audio

- High Definition (HD) Audio, Realtek® ALC662 codec
- Bluetooth None
- Speaker Internal speaker for business audio
- IEEE 1394 None
- Ethernet Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®
- Intel AMT None
- Modem None
- Security chip None

Keyboard

- Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo

Mouse

- Enhanced Optical USB Mouse, black, Lenovo logo

Power supply

- 280 watts with variable speed fan, manual switch

Machine

- Business black color; metal case
- 6.3” W X 16.6” D X 15.3” H (with handle)
- 160mm W X 422mm D X 388mm H
- 20.7 lb (9.4 kg) in maximum configuration
- Handle on top front
- Highlighted optical drive button for easy access

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”, 1” high, no access, std disk
- Bay 4: 1.5”, 35” high, access, opt reader* (bay only available on models with media reader installed)

Slot

- Slot 1: half-length, full-height, PCI Express® 2.0 x16 (60w max)
- Slot 2: half-length, full-height, PCIe 2.0 x1
- Slot 3: half-length, full-height, PCIe 2.0 x1

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

Preloaded operating system

- Genuine Windows® 7 Professional 64

Ready to install applications (only some listed)

- Rescue and Recovery™
- Password Manager

Preloaded applications (only some listed)

- ThinkVantage® Product Recovery
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Communication Utility
- View Management Utility
- 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)

See footnotes for important warranty information

WE models withdrawn effective May 2014
ThinkCentre M72e Tower (0896) - TopSeller (Win 8)

Preloaded applications (only some listed)
- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn.Now™ (DVD+RW)
  - Corel DVD MovieFactory® (DVD+RW)
- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton™ Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go (DVD+RW)
  - Cyberlink PowerProducer (DVD+RW)
- All models
  - ThinkVantage System Update
  - Lenovo Solution Center
  - View Management Utility
  - Norton Internet Security
  - Microsoft® Office preloaded; purchase a product key to activate
  - Skype™

Preloaded operating system
Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Some: Windows 8 Pro 64-bit

Security
- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for optional Kensington® MicroSaver® cable)
  - Security slot (in rear for optional Lenovo® Security Slot)
  - Power-on password
  - Administrator 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)

Cisco EnergyWise compatible
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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(G-MOSI18-13) May 2014
### ThinkCentre M72e Tower (3655) - ES 5.2

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<th>2nd Disk Bay</th>
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<th>Graphics</th>
<th>Chassis intr switch</th>
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<td>Lenovo SimpleTap</td>
</tr>
<tr>
<td>Norton™ Internet Security</td>
</tr>
<tr>
<td>Windows Live™ Essentials</td>
</tr>
<tr>
<td>Microsoft® Office preloaded; purchase a product key to activate</td>
</tr>
<tr>
<td>Corel® Burn.Now™ (DVD±RW)</td>
</tr>
<tr>
<td>Corel DVD MovieFactory™ (DVD±RW)</td>
</tr>
</tbody>
</table>

### Machine
- **Business black color; metal case**
- **8.3” W X 16.6” D X 15.3” H (with handle)**
- **160mm W X 422mm D X 388mm H**
- **20.7 lb (9.4 kg) in maximum configuration**
- **Handle on top front**
- **Highlighted optical drive button for easy access**

### Bay
- **Bay 1**: 5.25”, 1.6” high, access, std optical
- **Bay 2**: 3.5”, 1” high, no access, opt disk
- **Bay 3**: 3.5”, 1” high, no access, std disk

### Slot
- **Slot 1**: half-length, full-height, PCI Express® 2.0 x16 (60w max)
- **Slot 2**: half-length, full-height, PCIe 2.0 x1
- **Slot 3**: full-length, full-height, PCIe 2.0 x1

### 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

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**Footnotes:**
- Limited Warranty
- 3-year limited warranty
- Preloaded applications
- Preloaded operating system
- Ready to install applications
- Machine
- Bay
- Slot
- Security
ThinkCentre M72e Tower (3662) - ES 5.2 (GMP)

Product Specifications Reference (PSREF)

- **Positioning**: Essential business features, exceptional value

- **Processor**:
  - Intel Core i3-3220 Processor (2 cores / 4 threads, 3.3GHz, 3MB cache), integrated Intel HD Graphics 2500, 1600MHz dual-channel DDR3 memory controller
  - Intel Core i3-3550 Processor (2 cores / 4 threads, 3.4GHz, 3MB cache), integrated Intel HD Graphics 2500, 1600MHz dual-channel DDR3 memory controller
  - Intel Core i5-3470 Processor (4 cores / 4 threads, 3.2GHz, 6MB cache), 1600MHz dual-channel DDR3 memory controller
  - Intel Core i5-3570 Processor (4 cores / 4 threads, 3.3GHz, 6MB cache), 1600MHz dual-channel DDR3 memory controller

- **Graphics**: Intel HD Graphics 2500 in processor, uses main memory, DirectX, two 240-pin DIMM sockets

- **Chipset**: Intel H61 Express Chipset

- **Memory**: 16GB max, UDIMM, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets

- **Hard Disk**: SATA 3.0Gb/s 7200 rpm

- **Optical**: Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive

- **SATA controller**: Serial ATA, SATA 3.0Gb/s, integrated in chipset

- **Sound**: Internal speaker for business audio, Realtek ALC662 codec

- **Audio**: High Definition (HD) Audio, Realtek ALC662 codec

- **Media reader**: None

- **Chipset**: Intel H61 Express Chipset

- **Front ports**: Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)

- **Rear ports**: Four USB 2.0, serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), VGA DB-15, DVI-D

- **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)

- **Audio**: HD Audio, Realtek ALC662 codec

- **Media reader**: None

- **Keyboard**: Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo logo

- **Power supply**: 280 watts with variable speed fan, autosensing, 85% PSU

- **Machine**: Business black color, metal case

- **Bay**:
  - Bay 1: 5.25\*, 1.6" high, access, std optical
  - Bay 2: 3.5\*, 1" high, no access, opt disk
  - Bay 3: 3.5\*, 1" high, no access, std disk

- **Slot**: Slot 1: half-height, full-height, PCI Express 2.0 x16 (60w max)
  - Slot 2: half-height, full-height, PCI Express 2.0 x1
  - Slot 3: half-height, full-height, PCI Express 2.0 x1

- **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):
  - Rescue and Recovery™
  - Password Manager
  - Preloaded applications**:
    - ThinkVantage® Product Recovery
    - ThinkVantage System Update
    - ThinkVantage Power Manager
    - ThinkVantage Communication Utility
    - View Management Utility
    - 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® MovieFactory™ (DVD±RW)

- **Security**:
  - One lock to secure both cover and entire system to fixed object:
    - Padlock loop (in rear for optional padlock)
    - Security slot (in rear for optional Kensington® MicroSaver® cable)
    - Power-on password
    - Administrator 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)

- **Energy Star**: Gold rating

- **EPEAT®**: ENERGY STAR® 5.2-compliant

- **RoHS-compliant**: Cisco EnergyWise compatible

- **GREENGUARD® certified**: Supports ThinkVantage Technologies

See footnotes for important warranty information


WE models withdrawn effective May 2014

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(G-MOS11-5) May 2014
ThinkCentre M72e Tower (3662) - ES 5.2 (GMP) - Win 8

Product Specifications Reference (PSREF)

ThinkCentre M72e Tower (3662) - ES 5.2 (GMP) - Win 8

Graphics
Intel HD Graphics 2500
Memory 16GB max
Implementation Processor in LGA1155 socket
Ethernet Gigabit ethernet port, Realtek RTL8111E, Wake on LAN
IEEE 1394 None
Bluetooth None
Keyboard Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo logo
Security chip None
Modem None
Intel AMT None
PCIe WLAN None
Audio High Definition (HD) Audio, Realtek® ALC662 codec
Speaker Internal speaker for business audio
Ethernet Gigabit ethernet port, Realtek RTL8111E, Wake on LAN®
IEEE 1394 None
Intel AMT None
Modern None
Security chip None
Keyboard Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo logo
Power supply 280 watts with variable speed fan, autosensing, 85% PSU
Machine
- Business black color; metal case
- 6.3" W X 16.6" D X 15.3" H (with handle)
- 160mm W X 422mm D X 388mm H
- 20.7 lb (9.4 kg) in maximum configuration
- Handle on top front
- Highlighted optical drive button for easy access
Bay
Bay 1: 5.25", 1.6" high, access, standard optical
Bay 2: 3.5", 1" high, no access, opt disk
Bay 3: 3.5", 1" high, no access, std disk
Slot
Slot 1: half-length, full-height, PCIe Express® 2.0 x16 (60w max)
Slot 2: half-length, full-height, PCIe 2.0 x1
Slot 3: half-length, full-height, PCIe 2.0 x1
Preloaded operating system
Some: Windows® 7 Professional 64
preinstalled through downgrade
rights in Windows 8 Pro 64-bit
Some: Windows 8 Pro 64-bit
Preloaded applications (only some listed)
- Windows 7 models
  - ThinkVantage® Product Recovery
  - ThinkVantage Power Manager
  - ThinkVantage Communication Utility
  - Lenovo® Message Center Plus
  - Lenovo SimpleTap™
  - Adobe® Reader®
  - Windows Live™ Essentials
  - Corel® Burn:Now™ (DVD±RW)
  - Corel® DVD MovieFactory® (DVD±RW)
- Windows 8 models
  - Lenovo Support
  - Lenovo Companion
  - Lenovo Cloud Storage
  - Norton® Studio
  - AccuWeather
  - Evernote®
  - Cyberlink Power2Go® (DVD±RW)
  - Cyberlink PowerProducer® (DVD±RW)
- All models
  - ThinkVantage System Update
  - Lenovo Solution Center
  - View Management Utility
  - Norton Internet Security
  - Microsoft® Office preloaded; purchase a product key to activate
  - Skype™

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

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

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(G-MOS11-21) May 2014