

ThinkCentre M900z Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor	Security chip	Trusted Platform Module (TPM 1.2-compliant)																																																															
	<table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency Base/Max(GHz)</th> <th>Cache</th> <th>Memory Types</th> <th>Integrated Graphics</th> <th>Intel vPro</th> </tr> </thead> <tbody> <tr> <td>Pentium G4400</td> <td>2 / 2</td> <td>3.3G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 510</td> <td>No</td> </tr> <tr> <td>Pentium G4500</td> <td>2 / 2</td> <td>3.5G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6100</td> <td>2 / 4</td> <td>3.7 G</td> <td>3 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i3-6300</td> <td>2 / 4</td> <td>3.8 G</td> <td>4 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6400</td> <td>4 / 4</td> <td>2.7 G / 3.3 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>No</td> </tr> <tr> <td>Core i5-6500</td> <td>4 / 4</td> <td>3.2 G / 3.6 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i5-6600</td> <td>4 / 4</td> <td>3.3 G / 3.9 G</td> <td>6 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> <tr> <td>Core i7-6700</td> <td>4 / 8</td> <td>3.4 G / 4.0 G</td> <td>8 MB</td> <td>DDR4-2133</td> <td>HD 530</td> <td>vPro</td> </tr> </tbody> </table>	Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Types	Integrated Graphics	Intel vPro	Pentium G4400	2 / 2	3.3G	3 MB	DDR4-2133	HD 510	No	Pentium G4500	2 / 2	3.5G	3 MB	DDR4-2133	HD 530	No	Core i3-6100	2 / 4	3.7 G	3 MB	DDR4-2133	HD 530	No	Core i3-6300	2 / 4	3.8 G	4 MB	DDR4-2133	HD 530	No	Core i5-6400	4 / 4	2.7 G / 3.3 G	6 MB	DDR4-2133	HD 530	No	Core i5-6500	4 / 4	3.2 G / 3.6 G	6 MB	DDR4-2133	HD 530	vPro	Core i5-6600	4 / 4	3.3 G / 3.9 G	6 MB	DDR4-2133	HD 530	vPro	Core i7-6700	4 / 8	3.4 G / 4.0 G	8 MB	DDR4-2133	HD 530	vPro	Security features	<ul style="list-style-type: none"> Security slot (in rear for attachment of Kensington® MicroSaver® cable; Kensington lock also locks chassis) Power-on, admin, hard disk password Boot sequence control Smart USB protection, allows keyboard/mouse only, blocks all storage devices • Boot without keyboard and mouse • Individual USB port disablement • Optional Chassis intrusion switch
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Memory	32GB max, DDR4 2133, two 260-pin SO-DIMM sockets, dual-channel capable	Keyboard	<ul style="list-style-type: none"> Some: Preferred Pro USB Keyboard (USB connector), Lenovo logo Some: Lenovo Slim USB Keyboard (USB connector), black Some: Ultralim Plus Wireless Keyboard (2.4GHz via USB receiver), black 																																																															
Disk	<ul style="list-style-type: none"> Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm or 7200 rpm Some: Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" Wide, 5400 rpm 	Mouse	<ul style="list-style-type: none"> Some: Enhanced Optical USB Mouse, black, Lenovo logo Some: Ultralim Plus Wireless Mouse (2.4GHz via USB receiver), black 																																																															
Optical	<ul style="list-style-type: none"> Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD, SATA 1.5Gb/s, 9.5mm high Some: DVD burner, SATA 1.5Gb/s, 9.5mm high 	Mechanical	<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand, disk, memory removal • Support VESA mount (100mm) 																																																															
Media reader	Optional 9-in-1 media card reader																																																																	
Graphics	Intel HD Graphics 510/530 in processor, uses main memory, DirectX® 12, external monitor support via DisplayPort™; Max resolution: 4096x2304 (DP)@60Hz																																																																	
Display	23.8" (604.5mm) Full HD 1080p (1920x1080) TFT color, WVA panel, wide viewing angle (+/- 89°), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare for both touch models and non-touch models, work as standalone monitor via DisplayPort (DP in / out combo)																																																																	
Light sensor	None																																																																	
Multi-touch	Optional Projected Capacitive Touch (PCT) technology, supports 10-point touch																																																																	
Camera	Optional 2.0-megapixel camera, fixed focus, supports 1080p, with dual array digital microphone, LED indicator, physical switch on/off, Skype for Business certified																																																																	
Controls	Microphone mute, monitor mode switch, brightness up/down buttons, and power button																																																																	
Chipset	Intel Q170 Chipset																																																																	
Rear ports	Four USB 3.0, ethernet (RJ-45), DisplayPort in/out combo port, optional serial (9-pin),	Power supply	150 watts, autosensing, 85% PSU																																																															
Side ports	Two USB 3.0 (one is Always On and fast charge), optional card reader, one headphone / microphone combo jack (3.5mm)	Limited warranty ³	<ul style="list-style-type: none"> Some: 1-year or 3-year, depot repair service Some: 1-year or 3-year, limited onsite service Some: 3-years, limited onsite service, OID (Onsite International Delivery) / For Lenovo service upgrade options, please go to S-TC sheet 																																																															
M.2 card slot	One M.2 Card slot (for WLAN)	Preload	<p>Preloaded operating system</p> <ul style="list-style-type: none"> Some: Windows® 7 Professional 32/64 preinstalled through downgrade rights in Windows 10 Pro 64-bit Some: Windows 7 Professional 64 Some: Windows 10 Pro 64-bit Some: Windows 10 Home 64-bit <p>Preloaded applications (only some listed)</p> <ul style="list-style-type: none"> • Desktop Power Manager • Lenovo Solution Center • Lenovo REACHit • Lenovo SHAREit • Lenovo Bluetooth Lock (for models with Wi-Fi/BT card) • McAfee® LiveSafe™ (30-day trial) • Microsoft Office preloaded; purchase a product key to activate • PowerDVD Create (DVD±RW) • Lenovo ThinkVantage Tools - Only for Window 10 • Lenovo Companion • Cyberlink PowerDVD (DVD, DVD±RW) • Lenovo QuickOptimizer - Only for Window 7 • Rescue and Recovery • Password Manager • ThinkVantage System Update • Lenovo Message Center Plus • Adobe® Reader® 																																																															
Audio support	High Definition (HD) Audio, Realtek ALC286 / two internal stereo speakers (3W x 2), Dolby® Audio™ certified, Skype for Business certified	Environment	EPEAT™ Gold rating; ENERGY STAR® 6.1; TCO Certified Edge; TUV Green Mark; ULE Gold; ErP Lot 3; GREENGUARD® certified; RoHS-compliant																																																															
WLAN ¹³	<ul style="list-style-type: none"> Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2 Some: 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, Intel vPro technology support, 2x2 	MIL-SPEC test	MIL-STD-810G military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock)																																																															
Bluetooth™	Some: Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Accessories	For compatible accessories, please go to TC-AQP sheet																																																															
Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®																																																																	
Manageability	Intel Active Management Technology 11.0 (Intel AMT 11.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)																																																																	

See footnotes for more detailed information