

ThinkStation Desktop Workstation Option Compatibility Matrix Page 1

Description	Part	P350 Tiny	P350 SFF	P350 Tower	P520c	P520	P620	P720	P920	P340 Tiny	P340 SFF	P340 Tower
Memory												
Non-ECC UDIMM Memory												
Lenovo 8GB DDR4 2933MHz UDIMM Memory	4X70Z78724										x	x
Lenovo 16GB DDR4 2933MHz UDIMM Memory	4X70Z78725										x	x
Lenovo 32GB DDR4 2933MHz UDIMM Memory	4X70Z84380										x	x
Lenovo 8GB DDR4 2933MHz UDIMM Memory -US	4X70Z78726										x	x
Lenovo 16GB DDR4 2933MHz UDIMM Memory -US	4X70Z78727										x	x
Lenovo 8GB DDR4 3200MHz UDIMM Memory	4X71D07928		x	x								
Lenovo 8GB DDR4 3200MHz UDIMM Memory - US	4X71D07929		x	x								
Lenovo 16GB DDR4 3200MHz UDIMM Memory	4X71D07930		x	x								
Lenovo 16GB DDR4 3200MHz UDIMM Memory - US	4X71D07931		x	x								
Lenovo 32GB DDR4 3200MHz UDIMM Memory	4X71D07932		x	x								
Non-ECC SoDIMM Memory												
ThinkPad 4GB DDR4 3200MHz SoDIMM Memory	4X71A14571	x								x		
ThinkPad 16GB DDR4 3200MHz SoDIMM Memory	4X70Z90845									x		
ThinkPad 16GB DDR4 3200MHz SoDIMM Memory-US	4X70Z90847									x		
ThinkPad 32GB DDR4 3200MHz SoDIMM Memory	4X71A11993									x		
ThinkPad 16GB DDR4 3200MHz SoDIMM Memory	4X71D09534	x										
ThinkPad 16GB DDR4 3200MHz SoDIMM Memory - US	4X71D09535	x										
ThinkPad 32GB DDR4 3200MHz SoDIMM Memory	4X71D09536	x										
ECC UDIMM Memory												
Lenovo 8GB DDR4 2933MHz ECC UDIMM Memory	4X71B32811										x (1)	x (1)
Lenovo 16GB DDR4 2933MHz ECC UDIMM Memory	4X71B32812										x (1)	x (1)
Lenovo 32GB DDR4 2933MHz ECC UDIMM Memory	4X71B32813										x (1)	x (1)
ECC RDIMM Memory												
Lenovo 8GB DDR4 2666MHz ECC RDIMM Memory	4X70P98201				x	x		x	x			
Lenovo 16GB DDR4 2666MHz ECC RDIMM Memory	4X70P98202				x	x		x	x			
Lenovo 32GB DDR4 2666MHz ECC RDIMM Memory	4X70P98203				x	x		x	x			
Lenovo 8GB DDR4 2933MHz ECC RDIMM Memory	4X70V98060				x	x		x	x			
Lenovo 16GB DDR4 2933MHz ECC RDIMM Memory	4X70V98061				x	x		x	x			
Lenovo 32GB DDR4 2933MHz ECC RDIMM Memory	4X70V98062				x	x		x	x			
Lenovo 64GB DDR4 2933MHz ECC RDIMM Memory	4X70V98063				x (2)	x (2)		x (3)	x (3)			
Lenovo 16GB DDR4 3200MHz ECC RDIMM Memory	4X71B67860						x					
Lenovo 32GB DDR4 3200MHz ECC RDIMM Memory	4X71B67861						x					
Lenovo 64GB DDR4 3200MHz ECC RDIMM Memory	4X71B67862						x					
Storage												
Hard Drives / Internal / 7200 rpm Serial ATA (SATA)												
Lenovo 1TB 7200 rpm Serial ATA Hard Drive (option includes cable)	45J7918		x (4)	x (4)	x	x (5)	x (6)	x (7)	x (8)		x	x (9)
ThinkStation 1TB 7200rpm 3.5" SATA 6Gbps Enterprise Hard Drive	4XB0X87801		x (4)	x (4)	x	x (5)	x (6)	x (7)	x (8)		x	x (9)
ThinkStation 2TB 7200rpm 3.5" SATA 6Gbps Hard Drive (option includes cable)	4XB0F18667		x (4)	x (4)	x	x (5)	x (6)	x (7)	x (8)		x	x (9)
ThinkStation 4TB 7200rpm SATA 3.5" Hard Drive	4XB0X01142		x (4)	x (4)	x	x (5)	x (6)	x (7)	x (8)		x	x (9)
ThinkStation 6TB 7200rpm SATA 3.5" 6Gbps Hard Drive	4XB0X87802		x (4)	x (4)		x (5)		x (7)	x (8)		x	x (9)
ThinkStation 10TB 7200rpm SATA 3.5" 6Gbps Hard Drive	4XB0X87803				x	x (5)	x (6)	x (7)	x (8)			
Hard Drives / Internal / 2.5" Solid State Drive												
ThinkPad 512GB 2.5" Solid State Drive	4XB0F86403				x (10)	x (10)		x (10)	x (10)			
Hard Drives / Internal / M.2 Solid State Drive												
ThinkPad 256GB PCIe NVMe OPAL2 M.2 2280 SSD	4XB0W79580				x (11)	x (11)	x (12)	x (11)	x (11)	x	x (13)	x (14)
ThinkPad 512GB PCIe NVMe OPAL2 M.2 2280 SSD	4XB0W79581				x (11)	x (11)	x (12)	x (11)	x (11)	x	x (13)	x (14)
ThinkPad 1TB PCIe NVMe OPAL2 M.2 2280 SSD	4XB0W79582				x (11)	x (11)	x (12)	x (11)	x (11)	x	x (13)	x (14)
ThinkStation 2TB PCIe NVMe OPAL2 M.2 SSD	4XB0S74999				x (11)	x (11)		x (11)	x (11)			
ThinkPad 2TB PCIe NVMe OPAL2 M.2 2280 SSD	4XB0W86200				x (11)	x (11)	x (12)	x (11)	x (11)	x	x (13)	x (14)
ThinkPad 512GB Performance PCIe Gen4 NVMe OPAL2 M.2 2280 SSD	4XB1D04756	x	x (15)	x (15)			x (12)					
ThinkPad 1TB Performance PCIe Gen4 NVMe OPAL2 M.2 2280 SSD	4XB1D04757	x	x (15)	x (15)			x (12)					
ThinkPad 2TB Performance PCIe Gen4 NVMe OPAL2 M.2 2280 SSD	4XB1D04758	x	x (15)	x (15)			x (12)					

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Description	Part	P350 Tiny	P350 SFF	P350 Tower	P520c	P520	P620	P720	P920	P340 Tiny	P340 SFF	P340 Tower
Storage Adapters, Cages, and Conversion Kits												
ThinkStation M.2.SSD Adapter-high profile	4XH0L08578			x	x	x	x	x	x			x
ThinkStation M.2.SSD Adapter-low profile	4XH0L08579		x								x	
ThinkStation Quad AIC M.2 SSD Adapter	4XH0V09766					x	x	x	x			
ThinkStation 2.5" to 3.5" Conversion Kit	4XF0G94539		x	x	x	x		x	x		x	x
ThinkCentre Tower 2.5" Storage Kit---P330 TWR	4XF0P01009				x							
ThinkStation Storage Bay Upgrade Kit – P520	4XH0S69186					x (16)	x					
ThinkStation Storage Bay Upgrade Kit – P920	4XH0R02227								x (16)			
ThinkStation Storage Bay Upgrade Kit – P720	4XH0R02226							x (16)				
ThinkStation Front Access Storage Enclosure	4XF0N87467				x (17)	x (17)	x	x (17)	x (17)			
ThinkStation Multi-Drive Conversion Kit for ODD and HDD	4XF0N91548				x	x	x	x	x			
ThinkStation Storage Kit	4XH1B85930		x	x (18)							x	x (18)
ThinkStation 3.5" FASE Kit	4XH1B85931			x (18)								x (18)
Hard Drives / External / USB-Attached												
ThinkPad USB 3.0 Portable Secure 500GB Hard Drive	0A65619		x	x				x	x	x	x	x
ThinkPad USB 3.0 Portable Secure 1TB Hard Drive	0A65621		x	x				x	x	x	x	x
ThinkPad USB 3.0 Secure Hard Drive-2T	4XB0K83868		x	x				x	x	x	x	x
Optical Drives/Desktops												
Lenovo Super Multi-Burner	4XA0M84911					x		x	x			
Optical Drives / External / USB-Attached												
ThinkPad UltraSlim USB DVD Burner	4XA0E97775		x	x	x	x		x	x	x	x	x
ThinkPad UltraSlim USB DVD Burner – for Japan	4XA0N89959		x	x	x	x		x	x	x	x	x
ThinkCentre Tiny IV DVD Burner Kit	4XA0N06917	x								x		
ThinkCentre Tiny IV DVD ROM Kit	4XA0N06918	x								x		
VROC Adapter												
ThinkStation VROC Key Module by Intel -Premium	4XH0Q89603					x		x	x			
Stands, Mounts												
Desktop Stands												
ThinkCentre Tiny Under Desk Mount	0B47097	x (19)								x (19)		
ThinkCentre Tiny VESA Mount II	4XF0N03161	x								x		
ThinkCentre Tiny Sandwich Kit II	4XH0N04098	x								x		
ThinkCentre Tiny Clamp Bracket Mounting Kit II	4XF0N82412	x (19)								x (19)		
ThinkCentre Tiny VI Stand	4XF1A40559	x								x		
ThinkCentre Tiny/Nano Monitor Clamp II	4XH0Z42451	x (19)								x (19)		
AC & AC/DC Adapters												
AC, AC/DC Power Adapters												
ThinkCentre 135W AC Adapter (slim tip) - US/Can/PHI/Guam	4X20S56681	x										
ThinkCentre 135W AC Adapter (slim tip) - (all country power cords)	4X20S566xx	x										
ThinkCentre 230W AC Adapter (slim tip) - US/Can/PHI/Guam	4X20Z83991	x								x		
ThinkCentre 230W AC Adapter (slim tip) - (all country power cords)	4X20Z83xxx	x								x		
Audio & Video												
Graphics Cards												
NVIDIA NVS 310 1GB Dual-DisplayPort Graphics Card By Lenovo	4X60K59923				x	x		x	x			
ThinkStation NVIDIA Quadro P5000 DPx4, DVI-D x1 16GB GDDR5 Graphics Card	4X60N04886					x		x	x			
ThinkStation NVIDIA Quadro P400 2GB GDDR5 Mini DP * 3 Graphics Card with LP Bracket	4X60N86656										x	
ThinkStation NVIDIA Quadro P400 2GB GDDR5 Mini DP * 3 Graphics Card with HP Bracket	4X60N86657				x	x		x	x			x
ThinkStation NVIDIA Quadro P1000 4GB GDDR5 Mini DP * 4 Graphics Card with LP Bracket	4X60N86660										x	
ThinkStation NVIDIA Quadro P1000 4GB GDDR5 Mini DP * 4 Graphics Card with HP Bracket	4X60N86661				x	x	x	x	x			x
ThinkStation NVIDIA Quadro P2000 5GB GDDR5 DP * 4 Graphics Card with HP Bracket	4X60N86662				x	x		x	x			
ThinkStation NVIDIA Quadro P4000 8GB GDDR5 DP * 4 Graphics Card with Short Extender	4X60N86663				x							
ThinkStation NVIDIA Quadro P620 2GB GDDR5 Mini DPx4 Graphics Card with HP Bracket	4X60R60468				x	x	x	x	x			x
ThinkStation NVIDIA Quadro P620 2GB GDDR5 Mini DPx4 Graphics Card with LP Bracket	4X60R60469										x	
ThinkStation NVIDIA Quadro GV100 32GB HBM2 DPx4 with HP Bracket	4X60T45045					x	x	x	x			
ThinkStation NVIDIA Quadro RTX5000 16GB GDDR6 Graphics Card with Long Extender	4X60U98733					x	x	x (20)	x			

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Description	Part	P350 Tiny	P350 SFF	P350 Tower	P520c	P520	P620	P720	P920	P340 Tiny	P340 SFF	P340 Tower
Lenovo Go Wireless Vertical Mouse	4Y51C33792	x	x	x	x	x	x	x	x	x	x	x
Lenovo Go Wireless Vertical Mouse	GY51C33980	x	x	x	x	x	x	x	x	x	x	x
Intel Processors, Heatsinks												
Heatsinks												
ThinkStation Px20 150W Heat Sink	4XG0Q17167							x (33)				
ThinkStation Px20 205W Heat Sink	4XG0Q17168							x (33)	x			
Processors												
ThinkStation Intel Xeon Gold 5118 Processor	4XG0Q17159							x (34)	x (34)			
ThinkStation Intel Xeon Silver 4116 Processor	4XG0Q17160							x (34)	x (34)			
ThinkStation Intel Xeon Bronze 3106 Processor	4XG0Q17163							x (34)	x (34)			
ThinkStation Intel Xeon Bronze 3104 Processor	4XG0Q17164							x (34)	x (34)			
ThinkStation Intel Xeon Gold 5122 Processor	4XG0Q17166							x (34)	x (34)			
Mounts												
Rack Rail Kits												
ThinkStation Static Rack Rail Kit	4XF0K29048					x (35)	x (35)	x (35)	x (35)			
Monitor Accessories												
Monitor Speakers												
Lenovo USB Soundbar	0A36190		x (36)	x (36)	x (36)		x (36)			x (36)	x (36)	x (36)
Security												
Physical Security												
Kensington MicroSaver DS Security Cable Lock from Lenovo	0B47388	x			x	x	x	x	x	x	x	x
Kensington MicroSaver Security Cable Lock from Lenovo	73P2582	x			x	x	x	x	x	x	x	x
Kensington Twin Head Cable Lock from Lenovo	45K1620	x			x	x	x	x	x	x	x	x
Lenovo Security Cable Lock	57Y4303	x			x	x	x	x	x	x	x	x
Kensington Combination Cable Lock from Lenovo	4XE0G97138	x			x	x	x	x	x	x	x	x
Kensington MicroSaver 2.0 Cable Lock from Lenovo	4XE0N80914	x			x	x	x	x	x	x	x	x
Kensington MicroSaver 2.0 Twin Cable Lock from Lenovo	4XE0N80915	x			x	x	x	x	x	x	x	x
Kensington MicroSaver 2.0 MASTERKEY LOCK	4Z10P40247	x			x	x	x	x	x	x	x	x
Kensington MicroSaver 2.0 Twin Head MASTERKEY LOCK	4Z10P40248	x			x	x	x	x	x	x	x	x
Kensington MicroSaver DS 2.0 MASTERKEY KEY	4Z10P40249	x (37)			x (37)	x (37)	x (37)	x (37)	x (37)	x (37)	x (37)	x (37)
Smart Card Security												
Wireless & Networking												
Wired												
ThinkStation Intel I210-T1 Single Port Gigabit Ethernet Adapter	4XC0H00338		x	x	x	x					x	x
Lenovo Intel I350-T4 4-Port Ethernet Expansion Card	4XC0R41416		x	x		x	x	x	x		x	x
Wireless Networking												
ThinkStation AC Wi-Fi Solution Intel 8265 with External Antenna Kit	4XC0T22654					x		x	x			
ThinkStation AC Wi-Fi Solution Intel 8265 with Internal Antenna Kit	4XC0T22657				x							
Chargers & Battery												
Chargers												
ThinkStation 625W Power Supply Unit	4X21A98952				x							
ThinkStation 1000W Power Supply Unit	4X21A98950					x		x				

Notes:

- (1) No mix of different frequency memory cards allowed
- (2) Xeon W-2200 series CPUs only. If LRDIMMs are installed, you cannot mix RDIMMs.
- (3) Xeon SP x200 series CPUs only. If LRDIMMs are installed, you cannot mix RDIMMs.
- (4) Need to buy 4XH1B85930 when install the 2nd 3.5" HDD. Need to buy 4XH1B85931 when install HDD from front access. And for 125W CPU, need to buy LX 2H420mmSATA cable Latch SC10G18792/93/94 to replace the cable. And if the WorkStation has WX3200 Graphic Card, cannot install 2nd 3.5" HDD
- (5) The Storage Bay Upgrade Kit (4XH0S69186) may be needed when user upgrade his storage to the 2nd or 3rd HDD.
- (6) Need to buy additional 1-to-4 power cable and storage kit once install the third and fourth HDD.
- (7) The Storage Bay Upgrade Kit (4XH0R02226) may be needed when user upgrade his storage to the 2nd or 3rd HDD.
- (8) The Storage Bay Upgrade Kit (additional HDD cage and Tray kit) may be needed when user upgrade his storage to the 3rd or 4th HDD.

ThinkStation Desktop Workstation Option Compatibility Matrix Page 6

Description	Part	P350 Tiny	P350 SFF	P350 Tower	P520c	P520	P620	P720	P920	P340 Tiny	P340 SFF	P340 Tower
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- (9) Need to buy 4XH1B85930 when install the 2nd 3.5" HDD. Need to buy 4XH1B85931 when install HDD from front access.
- (10) The 2.5" bracket (4XF0G94539) may be needed when install a 2.5" HDD or SSD based on user's configuration.
- (11) The M.2 adapter (4XH0L08578) may be needed when install a m.2 SSD based on user's configuration.
- (12) Compatible with 1st and 2nd onboard M.2 slot. For 3rd or more, need to buy 4XH0L08578 or 4XH0V09766.
- (13) To install the 1st or 2nd SSD in M.2 slot, need to buy 4XF1C39743. To install the 3rd or 4th SSD in PCIe slot, need to buy 4XH0L08579.
- (14) To install the 1st or 2nd SSD in M.2 slot, need to buy 4XF1C39743. To install the 3rd or 4th SSD in PCIe slot, need to buy 4XH0L08578.
- (15) Can support at most 1 pcs Gen4 M.2 SSD. To add this one Gen4 M.2 SSD, WS must be RKL CPU and user 471. Need to buy 1pc OB 2280/2242 Gen4 M.2 Heat Sink kit (TW and SFF) SBB1A18866.

- (16) The Storage Bay Upgrade Kit (additional HDD cage and Tray kit) may be needed when user upgrade his storage to the 3rd or 4th HDD.
- (17) If assemble 2.5" Hard Drive into 3.5" Front Enclosure, the 2.5" to 3.5" conversation kit 4XF0G94539 is needed.
- (18) Support system storage upgrade when the original configuration selected optical drive already.
- (19) To support Tiny, ThinkCentre Tiny VESA Mount II (PN: 4XF0N03161) is necessary.
- (20) It can only be used on 900W power supply model, but not on 690w power supply model.
- (21) Please install with the 6pin to 8pin cable in the package.
- (22) System's power supply should be no less than 625W. Can install max to 1 pc of A5000. If system's power supply is less than 625W, need to buy 4X21A98952 ThinkStation 625W Power Supply Unit.

- (23) Can install max to 2 pcs of A5000. If 1 pc of A5000 is installed, need 900W power supply. If system's power supply is lower than 900W, need to buy 4X20T31652 (includes SP50H29491 and SC10M59975). If 2 pcs of A5000 are installed, need 1000W power supply, if system's power supply is lower than 1000W, need to buy 4X21A98950 (includes SP50H29587 and 2*SC10X18399).

- (24) Can install max to 2 pcs of A5000. P620 is with 2 of on shelf power cable, no need to buy other kits.
- (25) Can install max to 3 pcs of A5000. P920 is with 1400W power and 3 on shelf cable. No need to buy other kits.
- (26) Can install at most 2 graphic cards.
- (27) Can install at most 4 graphic cards.
- (28) The dongle work with mini-Display port on System or Graphics cards.
- (29) Need to mount on the Monitor and connect to Monitor USB hub first, check the sheet "Monitors(Commercial)" for monitor compatibility.
- (30) Need to mount on the Monitor first, check the sheet "Monitors(Consumer)" for monitor compatibility.
- (31) Support Win 10 only.
- (32) 4G connection only supports systems with USB-A port and Bluetooth connection only supports systems with Bluetooth 4.0 above. The Start / End function works for PowerPoint on Windows operating systems only.

- (33) Single CPU config requires 150W [4XG0Q17167], due to Form Factor. While dual CPU config requires 150W [4XG0Q17167] & 205W [4XG0Q17168].
- (34) Heatsink (4XG0Q17167 or 4XG0Q17168) is needed for 2nd CPU.
- (35) For the computer handle with a hole, install a locking clip. For the computer without a hole, install the two cage nuts on the mounting flange. Align the holes in the stopper with the installed cage nuts and position the stopper onto the computer handle.
- (36) Compatible with: LT2452p, LT2252p, LT1952p, L2440p, L2440x, L2321x, L2261, L2060, L2251x, L2251p, L2250p, L1951p, L1900p, L1711p, L215p, L215, D195, D185 monitors.
- (37) MasterKey for NanoSaver & MS 2.0 MasterKey Locks Only