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TOP OPTIONS - THINKSTATION S30, C30, D30, E32, P300, P55, P700, P900



Intel Processors & Heatsinks	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower
Heatsinks											
ThinkStation C30, D30-Series Heatsink	0A65721									x	x
ThinkStation P500 P700 145W Active Heat Sink	4XG0G75839		x	x							
ThinkStation P900 160W Active Heat Sink	4XG0G75840	x									
Processors											
Intel Xeon E5-2660	4XG0E76794								x	x	x
Intel Xeon E5-2650	4XG0E76795								x	x	x
Intel Xeon E5-2640	4XG0E76796								x	x	x
Intel Xeon E5-2630	4XG0E76797								x	x	x

Intel Xeon E5-2620	4XG0E76798								x	x	x
Intel Xeon E5-2609	4XG0E76799								x	x	x
Intel Xeon E5-2603	4XG0E76800								x	x	x
Intel Xeon E5-2667 v3 3.2GHz 8 Cores 135W	4XG0H00486	x	x	x							
Intel Xeon E5-2660 v3 2.6GHz 10 Cores 105W	4XG0H00487	x	x	x							
Intel Xeon E5-2687W v3 3.1GHz 10 Cores 160W	4XG0H00488	x									
Intel Xeon E5-2643 v3 3.4GHz 6 Cores 135W	4XG0H00489	x	x	x							
Intel Xeon E5-2637 v3 3.5GHz 4 Cores 135W	4XG0H00490	x	x	x							
Intel Xeon E5-2623 v3 3.0GHz 4 Cores 105W	4XG0H00491	x	x	x							
Intel Xeon E5-2650 v3 2.3GHz 10 Cores 105W	4XG0H12084	x	x	x							
Intel Xeon E5-2630 v3 2.4GHz 8 cores 85W	4XG0H12085	x	x	x							
Intel Xeon E5-2620 v3 2.4GHz 6 cores 85W	4XG0H12086	x	x	x							
Intel Xeon E5-2609 v3 1.9GHz 6 cores 85W	4XG0H12087	x	x	x							
Intel Xeon E5-2603 v3 1.6GHz 6 cores 85W	4XG0H12088	x	x	x							

Memory	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower
Memory											
Non-ECC UDIMM Memory											
2GB PC3-12800 DDR3-1600 UDIMM	0A65728						x	x			
4GB PC3-12800 DDR3-1600 UDIMM	0A65729				x	x	x	x			
8GB PC3-12800 DDR3-1600 UDIMM	0A65730				x	x	x	x			
ECC UDIMM Memory											
2GB PC3-10600 DDR3-1333 ECC UDIMM	43R2033								58	58	58
4GB PC3-10600 DDR3-1333 ECC UDIMM	57Y4138								58	58	58
8GB PC3-10600 DDR3-1333 ECC UDIMM	0A65718								58	58	58
2GB PC3-12800 DDR3-1600 ECC UDIMM	0B47376						x	x	x	x	x
4GB PC3-12800 DDR3-1600 ECC UDIMM	0B47377				x	x	x	x	x	x	x
8GB PC3-12800 DDR3-1600 ECC UDIMM	0B47378				x	x	x	x	x	x	x

4GB PC3-14900E DDR3-1866 ECC-UDIMM	4X70G00092									x	x	x
8GB PC3-14900E DDR3-1866 ECC-UDIMM	4X70G00093									x	x	x
RDIMM Memory												
4GB PC3-12800 DDR3-1600 ECC RDIMM	0A65732									58	58	58
8GB PC3-12800 DDR3-1600 ECC RDIMM	0A65733									58	58	58
4GB PC3-14900R DDR3-1866 RDIMM	4X70G00094									x	x	x
8GB PC3-14900R DDR3-1866 RDIMM	4X70G00095									x	x	x
32GB DDR4 2133Mhz ECC LRDIMM	4X70G78059	x	90	90								
4GB DDR4 2133Mhz ECC RDIMM	4X70G78060	x	x	x								
8GB DDR4 2133Mhz ECC RDIMM	4X70G78061	x	x	x								
16GB DDR4 2133Mhz ECC RDIMM	4X70G78062	x	x	x								
Storage	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower	
Hard Drives / Internal / Serial ATA (SATA)												
500GB 7200 rpm 3.5" SATA HDD	43R1990	x	x	x	x	x	x	x	x	x	x	x
1TB 7200 rpm 3.5" SATA HDD	45J7918	x	x	x	x	x	x	x	x	x	x	x
2TB 7200rpm 3.5" SATA HDD	4XB0F18667	x	x	x	x	x	x	x	x	x	x	x
3TB 7200rpm 3.5" SATA HDD	4XB0F18668	x	x	x	x	x	x	x	x	x	x	x
4TB 7200rpm 3.5" SATA HDD	4XB0F18669								x	x	x	
1TB SATA 3.5" Hybrid HDD	4XB0F18665	x	x	x	x	x			x	x	x	
2TB SATA 3.5" Hybrid HDD	4XB0F18666	x	x	x	x	x			x	x	x	
128GB SATA 2.5" SSD	4XB0F18670	x	x	x	x	x	x	x	x	x	x	x
256GB SATA 2.5" SSD	4XB0F18671				x	x	x	x				
256GB SATA 2.5" SSD - OPAL	4XB0F22432				x	x	x	x	x	x	x	x
256GB SATA 2.5" SSD - OPAL	4XB0H58024	x	x	x	x	x						
512GB SATA 2.5" SSD	4XB0G69275	x	x	x	x	x						
Intel 180GB SSD	0B47308	x	x	x	x	x	x	x	x	x	x	x
Intel 240GB SATA 2.5" SSD	4XB0G69276	x	x	x	x	x						
Intel 480GB SATA 2.5" SSD	4XB0G69277	x	x	x	x	x						
256GB M.2 SSD	4XB0G69278	x	x	x								
1.6TB PCIe Gen2 x4 SSD	4XB0G69279	x	x	x								
410GB PCIe Gen2 x4 SSD	4XB0G69280	x	x	x								
HDDs / Internal / Serial Attached SCSI (SAS)												
450GB 15K rpm SAS HDD	43N3424								x	x	x	

300GB SAS 3.5" HDD	4XB0F18672								x	x	x
600GB SAS 3.5" HDD	4XB0F18673								x	x	x
400GB 2.5" SAS 12Gbps SSD	4XB0G69281	x	x	x							
450GB 2.5" SAS 12Gbps HDD	4XB0G69282	x	x	x							
Hard Drives / External / USB-Attached											
ThinkPad USB 3.0 Portable Secure 500GB Hard Drive	0A65619	x	x	x	x	x	x	x	x	x	x
ThinkPad USB 3.0 Portable Secure 750GB Hard Drive	0A65616	x	x	x	x	x	x	x	x	x	x
ThinkPad USB 3.0 Portable Secure 1TB Hard Drive	0A65621	x	x	x	x	x	x	x	x	x	x
Optical Drives/Desktops											
Lenovo DVD-ROM Drive (Serial ATA)	41N5618				x	x	x	x	x	x	x
Lenovo Super Multi-Burner Drive	0A65618	x	x	x	x	x	x	x	x	x	x
Lenovo Blu-ray Burner	45K1675	x	x	x	x	x	x	x	x	x	x
ThinkStation 9.5mm SATA Slim DVD Burner	4XA0H04222	x	x	x							
Optical Drives / External / USB-Attached											
ThinkPad UltraSlim USB DVD Burner	4XA0E97775	x	x	x	x	x					
Lenovo Slim USB Portable DVD Burner	0A33988	x	x	x	x	x	x	x	43	43	43
Audio & Video	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower
Graphics Cards											
NVIDIA NVS 310 512MB	0B47074	x	x	x	x	x	x	x	x	x	x
NVIDIA NVS 315 1GB	4X60F17422	x	x	x	x	x	x	x	x	x	x
NVIDIA NVS 510 2GB	0B47077	x	x	x	x	x	x	x	x	x	x
NVIDIA Quadro K600 1GB	0B47394	x	x	x	x	x	x	x	x	x	x
NVIDIA Quadro K2000 2GB	0B47392	x	x	x	x				x	x	x
NVIDIA Quadro K4000 3GB	0B47393	x	x	x	x		x		x	x	x
NVIDIA Quadro K5000 4GB	0B47081								x	x	x
NVIDIA Quadro K420 1GB Dual-Link DVI-I, DP	4X60G69029	x	x	x	x	92					
NVIDIA Quadro K620 2GB Dual-Link DVI-I, DP	4X60G69028	x	x	x	x	92					
NVIDIA Quadro K2200 4GB Dual-Link DVI-I, Dual DP	4X60G69027	x	x	x	x						
NVIDIA Quadro K4200 4GB DVI-I, Dual DP	4X60G69026	x	87	87	x						
NVIDIA Quadro K5200 8GB Dual DVI-I, Dual DP	4X60G69025	x	87	87							

ThinkStation P500/P700 Front Graphics Cooling Fan	4XH0H01346		x	x								
PCIe Adapter												
ThinkStation Intel Thunderbolt Add-In Card	4XH0H00340	x	x	x								
Monitor Cables and Adapters												
Lenovo DisplayPort to Single-Link DVI-D Monitor Cable	45J7915											
Lenovo DisplayPort to DisplayPort Monitor Cable	0A36537											
Lenovo mini DisplayPort to SL-DVI-D Adapter	0B47090											
Lenovo mini DisplayPort to DisplayPort Cable	0B47091											
Lenovo DisplayPort to VGA Monitor Cable	57Y4393											
Lenovo DisplayPort to HDMI Adapter	0B47395											
Lenovo USB 3.0 to DVI/VGA Monitor Adapter	0B47072											
Headsets, Headphones, Speakers												
ThinkPad In-Ear Headphones with microphone (1.2m)	57Y4488	x	x	x	x	x			x	x	x	
Lenovo Mini Speakers M220	55Y2033								x	x	x	
Lenovo Headphone P550	55Y2065								x	x	x	
Cables & Connectors												
ThinkStation Multi IO port FLEX Adapter	4XH0G78728	x	x	x								
ThinkStation M.2 SSD FLEX Adapter	4XH0G78729	x	x	x								
ThinkStation 5.25" FLEX Module	4XF0G94538	x	x	x								
ThinkStation Front eSATA Cable	4X90H04223	x	x	x								
ThinkStation Front 1394 Cable	4X90H04224	x	x	x								
Keyboards & Mice	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower	
Keyboard and Mouse Combination												
Lenovo Ultralim Plus Wireless Keyboard and Mouse - U.S. English	0A34032	x	x	x	x	x	x	x	x	x	x	x
Lenovo Ultralim Plus Wireless Keyboard and Mouse (part number varies by language)	<u>0A340xx</u>	x	x	x	x	x	x	x	x	x	x	x
ThinkPad USB Keyboard with TrackPoint - U.S. English	55Y9003	x	x	x	x	x	x	x	13	13	13	
ThinkPad USB Keyboard with TrackPoint (part Number varies by language)	<u>55Y90xx</u>	x	x	x	x	x	x	x	13	13	13	
Keyboards												

ThinkPad USB Numeric Keypad	33L3225			x	x	x	x	x	x	x	x
Lenovo Enhanced Performance USB Keyboard - U.S. English	73P2620						x	x	x	x	x
Lenovo Enhanced Performance USB Keyboard (part number varies by language)	<u>73P26xx</u>	-	-	-	-	-	x	x	x	x	x
Lenovo Preferred Pro USB Keyboard - Black - U.S. English	73P5220	x	x	x	x	x	x	x	x	x	x
Lenovo Preferred Pro USB Keyboard - Black (part number varies by language)	<u>73P52xx</u>	x	x	x	x	x	x	x	x	x	x
Lenovo Preferred Pro USB Keyboard - white - U.S. English	43R2243	x	x	x	x	x	x	x	x	x	x
Lenovo Preferred Pro USB Keyboard - white (part number varies by language)	<u>43R22xx</u>	x	x	x	x	x	x	x	x	x	x
Cherry Smartcard Keyboard from Lenovo	0A36328			x	x	x	x	x	x	x	x
Lenovo Preferred Pro Full-Size PS/2 Keyboard - U.S. English	31P7415	x	x	x			x	x	15	15	15
Lenovo Preferred Pro Full-Size PS/2 Keyboard (part number varies by language)	<u>31P74xx</u>	x	x	x			x	x	15	15	15
ThinkPad Compact USB Keyboard with TrackPoint US English	0B47190			x	x	x	x	x	x	x	x
ThinkPad Compact USB Keyboard with TrackPoint (part number varies by language)	<u>0B471xx</u>	-	-	x	x	x	x	x	x	x	x
Lenovo Preferred Pro Fingerprint USB Keyboard	0C52683				x	x	x	x	83	83	83
Lenovo USB Smartcard Keyboard - U.S.	4X30E50999			x	x	x					
Lenovo USB Smartcard Keyboard (part number varies by language)	<u>4X30E509xx</u>	-	-	x	x	x					
Mice											
Lenovo Laser Wireless Mouse	0A36188	x	x	x	x	x	x	x	x	x	x
Lenovo Optical USB Mouse	06P4069	x	x	x	x	x	x	x	x	x	x
Lenovo Scrollpoint USB Mouse	31P7405	x	x	x	x	x	x	x	x	x	x
ThinkPad Travel Mouse	31P7410	x	x	x	x	x	x	x	x	x	x
Lenovo Laser Mouse	41U3074	x	x	x	x	x	x	x	x	x	x
ThinkPad USB Laser Mouse	57Y4635	x	x	x	x	x	x	x	x	x	x
ThinkPad Laser Bluetooth mouse	0A36407				x	x					
ThinkPad Precision USB Mouse - Midnight Black	0B47153	x	x	x	x	x					
ThinkPad Precision Wireless Mouse - Midnight Black	0B47163	x	x	x	x	x					
Lenovo Wireless TouchPad for Windows 8	0A33909				x	x					
ThinkPad Optical Wireless Mouse	4X30G97573	x	x	x	x	x	x	x			
ThinkPad Optical Wireless Mouse	4X30G97579	x	x	x	x	x	x	x			

w/o Battery

Security & Networking	Part number	P900	P700	P500	P300 Tower	P300 SFF	E32 Tower	E32 SFF	S30 Tower	C30 Tower	D30 Tower
Mounts											
Rack Rail Kits											
ThinkStation C-Series, D-Series Rail Kit	57Y4482									x	x
ThinkStation 2.5" HDD Bracket Kit	4XF0F33440					x		x			
ThinkStation Hard Drive Bracket Kit	4XF0F33441								x	x	x
ThinkStation 2.5" to 3.5" Conversion Kit	4XF0G94539	x	x	x							
ThinkServer Tower to Rack Shelf Conversion Kit	0C19515				x						
Security											
Physical Security											
Kensington MicroSaver DS Security Cable Lock	0B47388	x	x	x	x	x	x	x	x	x	x
Kensington MicroSaver Security Cable Lock	73P2582	x	x	x	x	x	x	x	7	7	7
Kensington Twin Head Cable Lock	45K1620	x	x	x	x	x	x	x	7	7	7
Lenovo Security Cable Lock	57Y4303	x	x	x	x	x	x	x	7	7	7
Kensington Combination Cable Lock	4XE0G97138	x	x	x	x	x	x	x	x	x	x
Smart Card Security											
Gemplus GemPC USB Smart Card Reader	41N3040								x	x	x
ThinkStation Front 29-in-1 Media card reader	4XH0H04229	x	x	x							
Wireless & Networking											
Wired											
Intel I210-T1 Single Port Gigabit Ethernet Adapter	4XC0H00338	x	x	x							

Footnotes

1. ThinkStation models offer two PCI-e x16 graphic slots allowing two graphic cards to be installed.
2. Supports attachment of flat panel monitors with a 75mm or 100mm VESA mount. Weighs less than 10.9 kg (24.0 lbs) when desk mounted or 7.98 kg (17.6 lb) when wall mounted
3. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1333 configuration. For more information on memory configuration, operation and limitations, go to: www.lenovo.com/support/thinkstationaccessories
4. Mixing UDIMM and RDIMM is not allowed. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1333 configuration. For more information on memory configuration, operation and limitations, go to: www.lenovo.com/support/thinkstationaccessories
5. Mixing UDIMM and RDIMM is not allowed. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1066

configuration. For more information on memory configuration, operation and limitations, go to:
www.lenovo.com/support/thinkstationaccessories

6. Mixing ECC (Error Correcting Code) and non-ECC is not allowed. Mixing of memory speeds is allowed, however, the system operates at the lowest installed speed.
7. For ThinkStation S10, D10, E20, S20, D20, E30, S30, D30 attaching the cable lock not only secures the ThinkStation to the work area, but it also prevents users from opening the chassis itself. For ThinkStation C20, C20x, C30 attaching the cable lock only secures the ThinkStation to the work area.
8. Mixing of Serial ATA and SAS Hard Drives is not recommended. Most S10 models are configured with Serial ATA Hard Drives, and most D10 models are configured with SAS Hard Drives.
9. If a 2nd processor is installed, the 2nd processor must match (matched pairs) existing installed Intel Xeon processor.
10. Mixing ECC (Error Correcting Code) and non-ECC is not allowed.
11. Compatible with: LT2452p, LT2252p, LT1952p, L2440p, L2440x, L2321x, L2261, L2060, L2251x, L2251p, L2250p, L1951p, L1900p, L1711p, L215p, L215, D195, D185 monitors
12. Attaches to DisplayPort graphics cards. For more information, go to: www.lenovo.com/support/graphiccards or www.lenovo.com/support/monitoraccessories
13. "Fn" and "Hotkey" operations vary by system, for operation information go to: www.lenovo.com/support/keyboards
14. USB-only attach.
15. Requires the Lenovo-installed, system specific PS2 adapter. For more information, refer to the systems Hardware Maintenance Manual.
16. S20, C20 are SATA-based. SAS hard drives require the Lenovo-installed SAS controller adapter on S20.
17. Attaches to systems DisplayPort, or the installed DisplayPort graphics card. For more information, go to: www.lenovo.com/support/graphiccards or www.lenovo.com/support/monitoraccessories
43. USB Y cable is always required for USB Optical Disk Drive
55. Lenovo ThinkVision monitor does not include a DisplayPort cable. To attach using monitors DisplayPort monitor port to the systems DisplayPort monitor port, the Lenovo Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537) is required.
56. Lenovo ThinkVision monitor does not include a DisplayPort cable. To attach using monitors DisplayPort monitor port to the systems, or an installed graphics card with DisplayPort, the Lenovo Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537) is required.
57. Lenovo ThinkVision monitor does not include a DisplayPort cable. To attach using monitors DisplayPort monitor port to an installed graphics card with DisplayPort, the Lenovo Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537) is required.
58. Mixing UDIMM and RDIMM is not supported. Mixing of memory speeds is allowed, however, the system operates at the lowest installed speed.
59. Some E31 SFF do not have the appropriate face-plate for installing these options...
60. Support SFF.
65. support E32 with K600
74. Attaches to Think's system DisplayPort or the installed DisplayPort graphics card. For more information, go to: www.lenovo.com/support/displayport-cables
83. Only support Refresh 2.5/3.0
87. Need Front Graphics Cooling Fan Assembly (Option PN: 4XH0H01346)
88. Bracket(FRU PN: 03T9869) is needed to support K4200 on P300 TWR, please make sure you have that bracket in P300 TWR Chassis to guarantee the assembly and installation is stable.
90. Not support: P500 with 490W PSU, P700 with 490W PSU.
92. Any option manufactured by Lenovo after January 29th 2015 will include the low-profile bracket.