

# ProLiant ML350p Gen8 Server - Pre-configured Models

**Entry Models**  
 736947-xx1  
 ML350pGen8 Xeon E5-2609v2 (2.5/4C/10MB/80W) 1P, 4GB-R, 6LFF, P420i/ZM, DVD-ROM, 1x460W  
 646675-xx1  
 ML350pGen8 Xeon E5-2609 (2.4/4C/10MB/80W) 1P, 4GB-R, 6LFF, P420i/ZM, DVD-ROM, 1x460W

**Base Models**  
 736958-xx1  
 ML350pGen8 Xeon E5-2620v2 (2.1/6C/15MB/80W) 1P, 8GB-R, 8SFF, P420i/512MB/FBWC, DVD-RW, 1x460W  
 646676-xx1  
 ML350pGen8 Xeon E5-2620 (2.0/6C/15MB/95W) 1P, 8GB-R, 8SFF, P420i/512MB/FBWC, DVD-ROM, 1x460W  
 646677-xx1  
 ML350pGen8 Xeon E5-2630 (2.3/6C/15MB/95W) 1P, 8GB-R, 8SFF, P420i/1G/FBWC, DVD-RW, 1x750W

**Performance Model**  
 736968-xx1  
 ML350pGen8 Xeon E5-2650v2 (2.6/8C/20MB/95W) 2P, 16GB-R, 8SFF, P420i/2G/FBWC, DVD-RW, 2x750W  
 736967-xx1  
 ML350pGen8 Xeon E5-2640v2 (2.0/8C/20MB/95W) 2P, 16GB-R, 8SFF, P420i/2G/FBWC, DVD-RW, 2x750W  
 678237-xx1  
 ML350pGen8 Xeon E5-2650 (2.0/8C/20MB/95W) 2P, 16GB-R, 8SFF, P420i/2G/FBWC, DVD-RW, 2x750W  
 646678-xx1  
 ML350pGen8 Xeon E5-2640 (2.5/6C/15MB/95W) 2P, 16GB-R, 8SFF, P420i/2G/FBWC, DVD-RW, 2x750W

**Country Code Key**

-001	US	-011	Australia
-031	UK	-041	Germany
-051	France	-020	Brazil
-029	Japan	-371	AP
-421	Euro	-AA1	PRC

### CPU Performance

E5-2600	E5-2600 v2
Xeon E5-2690 8C 2.9GHz/20MB/13W 690595-B21	Xeon E5-2690 v2 2.7GHz/12-core/20MB/13W 130M722901-B21
Xeon E5-2680 8C 2.7GHz/20MB/13W 690595-B21	Xeon E5-2680 v2 3.0GHz/18-core/20MB/13W 130M709486-B21
Xeon E5-2670 8C 2.6GHz/20MB/11W 690595-B21	Xeon E5-2670 v2 2.8GHz/18-core/20MB/11W 131M709487-B21
Xeon E5-2667 8C 2.6GHz/20MB/13W 690595-B21	Xeon E5-2667 v2 2.5GHz/18-core/20MB/11W 131M709488-B21
Xeon E5-2655 8C 2.4GHz/20MB/11W 690595-B21	Xeon E5-2655 v2 3.3GHz/18-core/20MB/13W 131M720302-B21
Xeon E5-2660 8C 2.2GHz/20MB/9W 690595-B21	Xeon E5-2660 v2 2.4GHz/18-core/20MB/9W 130M709400-B21
Xeon E5-2650 8C 2.3GHz/20MB/9W 690595-B21	Xeon E5-2650 v2 3.5GHz/18-core/20MB/13W 130M722904-B21
Xeon E5-2648 8C 1.8GHz/20MB/7W 690595-B21	Xeon E5-2648 v2 3.5GHz/14-core/15MB/7W 130M722905-B21
Xeon E5-2637 4C/3.0GHz/5.5MB/6W/678244-B21	

### Base

Xeon E5-2687 8C 2.9GHz/16MB/9W 690595-B21	Xeon E5-2680 v2 2.4GHz/18-core/20MB/9W 130M709491-B21
Xeon E5-2630 8C 2.2GHz/16MB/9W 690595-B21	Xeon E5-2630 v2 2.6GHz/18-core/15MB/9W 130M722901-B21
Xeon E5-2620 8C 2.0GHz/16MB/9W 690595-B21	Xeon E5-2630 v2 2.4GHz/18-core/15MB/9W 130M722901-B21
Xeon E5-2630 4C 2.0GHz/16MB/6W 690595-B21	Xeon E5-2620 v2 2.3GHz/18-core/15MB/9W 130M709493-B21

### Entry

Xeon E5-2609 4C 2.4GHz/10MB/6W 690595-B21	Xeon E5-2609 v2 2.5GHz/9-core/10MB/6W 130M722904-B21
Xeon E5-2603 4C 1.8GHz/10MB/8W 690595-B21	Xeon E5-2603 v2 1.8GHz/4-core/10MB/6W 130M722905-B21

### Memory

**E5-2600 E5-2600v2**

RDIMM	RDIMM
4GB DDR3-1333 690595-B21	4GB DDR3-1333 690595-B21
8GB DDR3-1333 690595-B21	8GB DDR3-1333 690595-B21
16GB DDR3-1333 690595-B21	16GB DDR3-1333 690595-B21
32GB DDR3-1333 690595-B21	32GB DDR3-1333 690595-B21
64GB DDR3-1333 690595-B21	64GB DDR3-1333 690595-B21
128GB DDR3-1333 690595-B21	128GB DDR3-1333 690595-B21
256GB DDR3-1333 690595-B21	256GB DDR3-1333 690595-B21
512GB DDR3-1333 690595-B21	512GB DDR3-1333 690595-B21
1024GB DDR3-1333 690595-B21	1024GB DDR3-1333 690595-B21
UDIMM	UDIMM
4GB DDR3-1333 690595-B21	4GB DDR3-1333 690595-B21
8GB DDR3-1333 690595-B21	8GB DDR3-1333 690595-B21
16GB DDR3-1333 690595-B21	16GB DDR3-1333 690595-B21
32GB DDR3-1333 690595-B21	32GB DDR3-1333 690595-B21
64GB DDR3-1333 690595-B21	64GB DDR3-1333 690595-B21
128GB DDR3-1333 690595-B21	128GB DDR3-1333 690595-B21
256GB DDR3-1333 690595-B21	256GB DDR3-1333 690595-B21
512GB DDR3-1333 690595-B21	512GB DDR3-1333 690595-B21
LRDIMM	LRDIMM
4GB DDR3-1333 690595-B21	4GB DDR3-1333 690595-B21
8GB DDR3-1333 690595-B21	8GB DDR3-1333 690595-B21
16GB DDR3-1333 690595-B21	16GB DDR3-1333 690595-B21
32GB DDR3-1333 690595-B21	32GB DDR3-1333 690595-B21
64GB DDR3-1333 690595-B21	64GB DDR3-1333 690595-B21
128GB DDR3-1333 690595-B21	128GB DDR3-1333 690595-B21
256GB DDR3-1333 690595-B21	256GB DDR3-1333 690595-B21
512GB DDR3-1333 690595-B21	512GB DDR3-1333 690595-B21

### Security

TPM 48049-B21

### Hard Drive

HP SAS LFF HDD	HP SATA LFF SSD	HP SAS SFF SSD
600GB 1.2 SAS 11K LFF SC ENT HDD 76542-B21	1.6TB 1.6 SAS VE LFF SC EV SSD 76227-B21	3.2TB 1.6 SAS VE LFF SC EV SSD 76227-B21
450GB 1.2 SAS 11K LFF SC ENT HDD 73784-B21	800GB 1.6 SAS VE LFF SC EV SSD 76227-B21	800GB 1.6 SAS VE LFF SC EV SSD 76227-B21
300GB 1.2 SAS 11K LFF SC ENT HDD 73784-B21	800GB 6G SATA VE LFF SC EL GI SSD 75669-B21	800GB 6G SATA VE LFF SC EL GI SSD 75669-B21
600GB 6G SAS 11K LFF SC ENT HDD 65262-B21	480GB 6G SATA VE LFF SC EV GI SSD 75669-B21	480GB 6G SATA VE LFF SC EV GI SSD 75669-B21
450GB 6G SAS 11K LFF SC Ent HDD 65262-B21	240GB 6G SATA VE LFF SC EV GI SSD 75669-B21	240GB 6G SATA VE LFF SC EV GI SSD 75669-B21
6TB 6G SAS 7.2K LFF SC MDL HDD 76147-B21	120GB 6G SATA VE LFF SC EV GI SSD 75662-B21	120GB 6G SATA VE LFF SC EV GI SSD 75662-B21
4TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	120GB 6G SATA VE LFF SC EV SSD 71817-B21	120GB 6G SATA VE LFF SC EV SSD 71817-B21
3TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA VE LFF SC EV SSD 73062-B21	800GB 6G SATA VE LFF SC EV SSD 73062-B21
4TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21
3TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21
2TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21
1TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21	800GB 6G SATA VE LFF SC EV SSD 71819-B21
4TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	480GB 6G SATA VE LFF SC EV SSD 71819-B21	480GB 6G SATA VE LFF SC EV SSD 71819-B21
3TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	300GB 6G SATA VE LFF SC EV SSD 73889-B21	300GB 6G SATA VE LFF SC EV SSD 73889-B21
2TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	240GB 6G SATA VE LFF SC EV SSD 71817-B21	240GB 6G SATA VE LFF SC EV SSD 71817-B21
1TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	800GB 6G SATA ME LFF SC EM SSD 69189-B21	800GB 6G SATA ME LFF SC EM SSD 69189-B21
2TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	400GB 6G SATA ME LFF SC EM SSD 69189-B21	400GB 6G SATA ME LFF SC EM SSD 69189-B21
1TB 6G SAS 7.2K LFF SC MDL HDD 69510-B21	200GB 6G SATA ME LFF SC EM SSD 69189-B21	200GB 6G SATA ME LFF SC EM SSD 69189-B21
500GB 6G SATA 7.2K LFF SC MDL HDD 69807-B21	100GB 6G SATA ME LFF SC EM SSD 69189-B21	100GB 6G SATA ME LFF SC EM SSD 69189-B21
	HP SATA SFF HDD	
	3TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21	3TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21
	2TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21	2TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21
	1TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21	1TB 6G SATA 7.2K SFF SC MDL HDD 69807-B21

### Removable

**Optical Drives**

- DVD ROM Drive 624189-B21
- DVD RW Drive 624192-B21

**Tape Drives**

- Ultraium 66563A 1863A
- Ultraium 6250 E4966

**RDX**

- HP RDX1000 USB20 ITB 6767A
- HP RDX1000 USB30 500GB 6766A

### Networking

- HP NC112T PCIe-E Gig 503746-B21
- HP NC365T PCIe Quad Gig 59372-B21
- HP Ethernet 1Gb 4Port 331T 64704-B21
- HP Ethernet 1Gb 2Port 332T 61532-B21
- HP Ethernet 1Gb 2Port 361T 65267-B21
- HP NC525FP PCIe Dual 10GbE 593717-B21
- HP NC525FP PCIe Dual 10GbE 61403-B21
- HP Ethernet 10Gb 2Port 530SFP 69693-B21
- HP Ethernet 10Gb 2Port 530T 69693-B21
- HP Ethernet 10Gb 2Port 560SFP+ 69694-B21
- HP Ethernet 10Gb 2Port 561T 716591-B21

### Storage Controller

RAID Card	FC Card
SmartArray P420i/G FBWC 631670-B21	SW 82B 8Gb Single Port PCIe AP7696
SA P420i/G FBWC 631670-B21 + 2GB FBWC 631681-B21	SW 82B 8Gb Dual Port PCIe AP7700
SmartArray P420i/G FBWC 631671-B21	SW 81E 8Gb PCI-e AJ782B
SmartArray P420i/G FBWC 631673-B21	SW 82E 8Gb Dual PCI-e AJ763B
SA P42i/G FBWC 631673-B21 + 2GB FBWC 631681-B21	HP StoreFabric SN1100E 16Gb 1Port FC HBA C8R39A
SmartArray P420i/G FBWC 631674-B21	HP StoreFabric SN1100E 16Gb 2Port FC HBA C8R39A
SmartArray P430i/G FBWC 6Gb 1P Int SAS Ctrl 698529-B21	SW 81Q 8Gb PCIe AK344A
SmartArray P430i/G FBWC 6Gb 1P Int SAS Ctrl 698530-B21	SW 82Q 8Gb Dual PCIe AJ764A
SmartArray P430i/G FBWC 6Gb 1P Int SAS Ctrl 698530-B21	HP StoreFabric SN10000 16Gb 1Port FC HBA QW971A
SmartArray P431i/G FBWC 6Gb 2P Ext SAS Ctrl 698531-B21	HP StoreFabric SN10000 16Gb 2Port FC HBA QW972A
SmartArray P822i/G FBWC 2P Int 4P Ext 631674-B21	SW CN1000Q Dual Port PCIe B8668A
SmartArray P830i/G FBWC 6Gb 2P SAS 698533-B21	SW CN1100E Dual Port PCIe B8335A
	HP StoreFabric CN1100R 2Port QW999A

### SCSI Card

- SC11Xa 64133 Single U320 412911-B21
- HP H22 1 x4 Int Ports SAS HBA 650933-B21
- HP H221 1 x4 Ext Ports SAS HBA 650931-B21
- HP H222 1 x4 Int + 1 x4 Ext Ports SAS HBA 650926-B21

### HPC Cards

- HP IB 4X QDR PCIe-G2 Dual 583211-B21
- HP IB FDR Dual 545SFP 702211-B21

### Workload Accel.

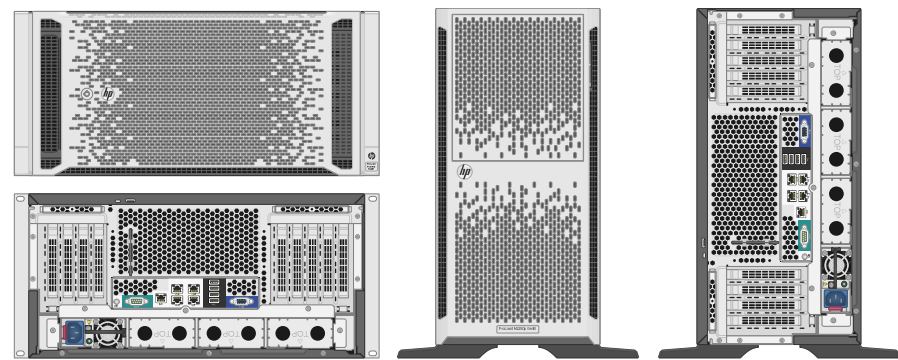
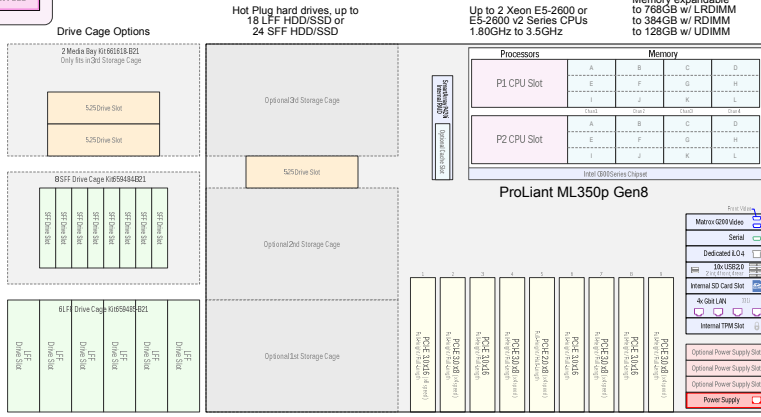
- 5.2TB HHHL LE PCIe 7167567-B21
- 2.6TB HHHL LE PCIe 7167570-B21
- 1.3TB HHHL LE PCIe 7167568-B21
- 1.0TB HHHL LE PCIe 7167566-B21
- 1.4TB HHHL ME PCIe 729307-B21
- 700GB HHHL ME PCIe 729305-B21
- 700GB HHHL ME PCIe 708090-B21
- 350GB HHHL ME PCIe 708088-B21

### Graphics Card

- NVIDIA Quadro K2000 PCIe 733669-B21
- NVIDIA Quadro K4000 PCIe 733870-B21
- NVIDIA Quadro K5000 PCIe 733872-B21
- NVIDIA Quadro K6000 PCIe 733874-B21
- NVIDIA Tesla K40C 12GB 733960-B21

### I/O Accelerator

- 3TB G2 FHHL PCIe toDive2 721458-B21
- 2410GB MLC G2 PCIe toDive2 Duo 673645-B21
- 1205GB MLC G2 PCIe toDive2 673646-B21
- 785GB MLC G2 PCIe toDive2 673644-B21
- 365GB MLC G2 PCIe toDive2 673642-B21



Tower to Rack Conversion Kit: 659488-B21

This Visual Solution Document is deemed to be valid and accurate as of the date shown below.

The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind. Please consult the Product QuickSpecs Documents on www.hp.com for any updates to the product information contained herein after the date shown below.

Build with the latest Logical shapes from the Visio Café - Download the latest HP Intel Essentials to get the shapes used above to create your own customized Visual Solution Documents - Feedback: info@visiocafe.com