



Dell Poweredge Server Comparison Chart



Rack optimized PowerEdge servers	PowerEdge R200 Intel Processor Technology 1-socket (1S)	PowerEdge R210 Intel Processor Technology 1-socket (1S)	PowerEdge R300 Intel Processor Technology 1-socket (1S)	PowerEdge R310 Intel Processor Technology 1-socket (1S)	PowerEdge R410 Intel Processor Technology 2-socket (2S)	PowerEdge R510 Intel Processor Technology 2-socket (2S)	PowerEdge R610 Intel Processor Technology 2-socket (2S)	PowerEdge R710 Intel Processor Technology 2-socket (2S)
Rack Height	1U	1U	1U	1U	1U	2U	1U	2U
Chipset	Intel 3200 (Bigby-V MCH / ICH9R)	Intel 3420 (Ibex Peak PCH / ICH10R)	Intel 5100 (San Clemente MCH / ICH9R)	Intel 3420 (Ibex Peak PCH / ICH10R)	Intel 5500 (Tylersburg 24 / ICH10R)	Intel 5500 (Tylersburg 24 / ICH10R)	Intel 5500 (Tylersburg 24 / ICH9)	Intel 5500 (Tylersburg 24 / ICH9)
Front Side Bus / HyperVisor	800/1066/1333MHz	DMI @ 2.5Gb/s	1066/1333MT/s	DMI @ 2.5Gb/s	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s
Processors	Xeon 3200 or 3300 Quad Core Xeon 3100 Dual Core Pentium Dual Core/Core 2 Duo/Cel	Xeon 3400 Quad Core "Lynnfield" Celeron/Pentium/Core i3 "Clarksdale"	Xeon 3300 Quad or 3100 Dual Core Xeon 5400 Quad Core Pentium Dual Core/Core 2 Duo/Cel	Xeon 3400 Quad Core "Lynnfield" Celeron/Pentium/Core i3 "Clarksdale"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"
Memory	Up to 8GB 667/800MHz 4 slots	Up to 16GB DDR-3 4 Slots	Up to 24GB 667MHz 6 Slots	Up to 32GB 1333MHz 6 Slots	Up to 128GB DDR-3 8 Slots	Up to 128GB DDR-3 8 Slots	Up to 192GB DDR-3 12 Slots	Up to 192GB DDR-3 18 Slots
Hard Drives	2x 3.5" SAS / SATA / Near Line SAS (Cabled)	2x 2.5" SAS / SATA / SSD or 2x 3.5" SAS / SATA / Near Line SAS (Cabled)	2x 3.5" SAS / SATA / Near Line SAS (Cabled / Hot Plug)	4x 3.5" SAS / SATA / Near Line SAS / SSD (Cabled / Hot Plug)	4x 3.5" SAS / SATA / Near Line SAS or 2.5" SSD in 3.5" Carrier (Cabled / Hot Plug)	4x 3.5" SAS / SATA or <12+2x 3.5"/2.5" SAS/SATA/NL SAS/SSD (4x Cabled / 8x Hot Plug)	6x 2.5" SAS / SATA / SSD (Hot Plug)	8x 2.5" SAS / SATA / SSD or 6x 3.5" SAS / SATA / Near Line SAS (Hot Plug)
Internal HD / RAID Controller	Optional SAS6iR (PCIe)	Optional SAS6iR / S100 / S300 / H200	Additional SAS6iR (PCIe)	Opt. SAS6iR/S100/S300/H200/H700	Opt. SAS6iR/PERC6i/S100/S300/H200/H700	Opt. SAS6iR/PERC6i/S100/S300/H200/H700	SAS6iR / PERC6i / H200 / H700	SAS6iR / PERC6i / H200 / H700
External Storage	PERC6/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E or H800 (PCIe) SAS5/E or SAS 6Gbps (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX
PCI Slots (I/O)	Riser Card 2x PCIe (x8) or 1x PCI-X 133 Mhz/64 bits + 1x PCIe x8	1x PCIe x16 Gen2 (full-height, half-length)	Riser Card 2xPCIe (x8) or 1xPCIe + 1xPCI-X	2x PCIe: 1x PCIe x16 (x8 routing) 1x PCIe x8 (x8 routing)	1x PCIe x16 Gen2 (Note: PERC6i takes up the PCIe slot)	2x PCIe x4 Gen2 1x PCIe x8 Gen2 1x PCIe x4 Gen2 for dedicated storage ctrl	2x PCIe x8 Gen2	Riser Card 2x PCIe x8 + 2x PCIe x4 Gen2 or 1x PCIe x16 + 2x PCIe X4 Gen2
Internal Back-up	External only	External only	External only	External only	External only	External only	External only	DAT72; RD1000
Lan on Motherboard	2x Gigabit	2x Gigabit (TOE)	2x Gigabit	2x Gigabit	2x Gigabit	2x Gigabit	4x Gigabit (TOE)	4x Gigabit (TOE)
DRAC	Optional DRAC4/p	Optional iDRAC6	DRAC5 Optional	Optional iDRAC6	Optional iDRAC6	Optional iDRAC6	iDRAC6 Express/Enterprise, opt. VFlash	iDRAC6 Express/Enterprise, opt. VFlash
Redundant Power Supply	No	No	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional
PSU Output	345W (non hot swap)	250W (non hot swap)	400W (single non hot swap or redundant hot swap)	350W (single non hot swap) / 400W (redundant hot swap)	480W (single non hot swap) / 500W (redundant hot swap)	480W (single non hot swap) / 1100W (redundant/non redundant hot swap)	502W or 717W (hot swap)	570W or 870W (hot swap)
System Fans	2 CPU blowers + 1 axial fan for PCI area	3 non hot swap, non redundant	4 + 2 for redundant PSU, non hot swap, dual-rotor	*3 or 5 non hot swap, non redundant (based on PSU config)*	4 + 2 for redundant PSU, non hot swap, dual-rotor	4 for 4x HD chassis / 5 for 8x HD chassis, non hot swap	5 for 1CPU configs or 6 for dual CPU configs, non hot swap, dual-rotor	4 for 1CPU configs or 5 for dual CPU configs, hot swap
USB Ports	2 front / 2 rear	2 front / 2 rear / 2 internal	2 front / 2 rear / 1 internal	2 front / 2 rear / 2 internal	2 front / 2 rear / 2 internal	2 front / 2 rear / 2 internal	2 front / 2 rear / 1 internal	2 front / 2 rear / 1 internal
Operating Systems	Windows 2003 / 2008 Red Hat; SuSe Linux	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX/ESXi DL ver. (post-RTS)	Windows 2003 / 2008 Red Hat; SuSe Linux	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi DL ver. Sun Solaris (RTS+)	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi DL ver. Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi DL ver.	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris



Rack optimized PowerEdge servers	PowerEdge 2970 AMD Processor Technology 2-socket (2S)	PowerEdge R715 AMD Processor Technology 2-socket (2S)	PowerEdge R805 AMD Processor Technology 2-socket (2S)	PowerEdge R810 Intel Processor Technology 2/4 socket (2/4S)	PowerEdge R815 AMD Processor Technology 4 socket (4S)	PowerEdge R900 Intel Processor Technology 4-socket (4S)	PowerEdge R905 AMD Processor Technology 4 socket (4S)	PowerEdge R910 Intel Processor Technology 4-socket (4S)
Rack Height	2U	2U	2U	2U	2U	4U	4U	4U
Chipset	Broadcom HT2100 / Broadcom HT1000	Maranello (SR5650+SR5670 / SP5100)	nVidia MCP55Pro/I/O-55	Intel 7500 (Boxboro-EX / ICH10)	Maranello (SR5650+SR5670 / SP5100)	Intel 7300 (Clarksboro / ESB2 ICH6)	Broadcom HT2100 / Broadcom HT1100	Intel 7500 (Boxboro-EX / ICH10)
Front Side Bus / HyperVisor	1GHz HyperTransport	HyperTransport 3	1GHz HyperTransport	QPI @ 6.4 GT/s	HyperTransport 3	1066MT/s	1GHz HyperTransport	QPI @ 6.4 GT/s
Processors	1x / 2x AMD Opteron 2400 Six Core 1x / 2x AMD Opteron 2300 Quad Core (1x / 2x AMD Opteron 2200Dual Core)	2x AMD Opteron 6100 up to 12C "Magny-Cours"	2x AMD Opteron 2400 Six Core 2x AMD Opteron 2300 Quad Core (2x AMD Opteron 2200 Dual Core)	1x / 2x Xeon 6500 Nehalem-EX 2x / 4x Xeon 7500 Nehalem-EX	2x / 4x AMD Opteron 6100 up to 12C "Magny-Cours"	2x / 4x Xeon 7400 Quad or Six Core 2x / 4x Xeon 7300 Quad Core 2x / 4x Xeon 7200 Dual Core	2x / 4x AMD Opteron 8400 Six Core 2x / 4x AMD Opteron 8300 Quad Core (2x / 4x AMD Opteron 8200 Dual Core)	2x / 4x Xeon 7500 "Nehalem-EX"
Memory	Up to 64GB 667/800MHz 8 Slots	Up to 256GB 1333MHz 16 Slots	Up to 128GB 667/800MHz 16 Slots	Up to 512GB 1066MHz 32 Slots	Up to 256GB 1333MHz 32 Slots	Up to 256GB FB 667MHz 32 Slots	Up to 256GB 667/800MHz 32 Slots	Up to 1TB 1066MHz 64 Slots
Hard Drives	8x 2.5" SAS / SATA or 6x 3.5" SAS / SATA / Near Line SAS (Hot Plug)	6x 2.5" SAS / Near Line SAS / SATA / SSD (Hot Plug)	2x 2.5" SAS / SATA (Hot Plug)	6x 2.5" SAS / Near Line SAS / SATA / SSD (Hot Plug)	6x 2.5" SAS / Near Line SAS / SATA / SSD (Hot Plug)	8x 2.5" SAS or 5x 3.5" SAS / Near Line SAS (Hot Plug)	8x 2.5" SAS or 5x 3.5" SAS / Near Line SAS (Hot Plug)	16x 2.5" SAS / SSD (SATA RTS+) or 4x 2.5" SAS / SSD (SATA RTS+) (Hot Plug)
Internal HD / RAID Controller	Embedded RAID, PERC6i	PERC H200 / H700	Opt. PERC6i / SAS6iR	PERC H200 / H700	PERC H200 / H700	Additional PERC6i (PCIe), SAS6iR	Additional PERC6i (PCIe), SAS6iR	PERC H200 / H700
External Storage	PERC5/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC H800 (PCIe) SAS5/E (PCIe) or SAS 6Gbps LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC H800 (PCIe) SAS5/E (PCIe) or SAS 6Gbps LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC H800 (PCIe) SAS5/E (PCIe) or SAS 6Gbps LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC6/E (PCIe): MD1000 SAS5/E (PCIe): MD3000 LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX	PERC H800 (PCIe) SAS5/E (PCIe) or SAS 6Gbps LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe) for EMC AX/CX
PCI Slots (I/O)	2x PCI-E x8 + 1x PCIe x4	6x PCIe: 3x PCIe x8 + 1x PCIe x4 2x Low Profile PCIe x8	4x PCIe	6x PCIe: 3x PCIe x8 + 1x PCIe x4 2x Low Profile PCIe x8	6x PCIe: 3x PCIe x8 + 1x PCIe x4 2x Low Profile PCIe x8	7x PCIe	7x PCIe (2 x8 + 5 x4)	7x PCIe or 6x PCIe + 4x Low Profile PCIe
Internal Back-up	DAT72; RD1000	External only	External only	External only	External only	External	External	External
Lan on Motherboard	2x Gigabit (TOE)	4x Gigabit (TOE, iSCSI)	4x Gigabit (TOE)	4x Gigabit (TOE, iSCSI)	4x Gigabit (TOE, iSCSI)	4x Gigabit (TOE)	4x Gigabit (TOE)	4x 1GbE or 2x 1GbE + 2x 10Gb SFP+
DRAC	Optional DRAC5/i (Daughter)	iDRAC6 Express/Enterprise, opt. VFlash	DRAC5 Optional	iDRAC6 Express/Enterprise, opt. VFlash	iDRAC6 Express/Enterprise, opt. VFlash	DRAC5 Optional	DRAC5 Optional	iDRAC6 Express/Enterprise, opt. VFlash
Redundant Power Supply	Yes, Optional	Yes	Yes	Yes	Yes	Yes	Yes	Yes, up to 4x PSU
PSU Output	750W (hot swap)	750W or 1100W (hot swap)	700W (hot swap)	1100W (hot swap)	1100W (hot swap)	1570W (hot swap)	1100W (hot swap)	750W or 1100W (10 PSU configs in total)
System Fans	4 hot swap, redundant	6 hot swap, redundant	6 hot swap, redundant	6 hot swap, redundant	6 hot swap, redundant	4 for air intake, hot swap, redundant	4 hot swap, redundant, dual-rotor	6 hot swap, redundant
USB Ports	2 front / 2 rear / 1 internal	2 front / 4 rear / 1 internal	2 front / 2 rear / 1 internal	2 front / 4 rear / 1 internal	2 front / 4 rear / 1 internal	2 front / 2 rear / 1 internal	2 front / 2 rear / 1 internal	2 front / 2 rear / 1 internal
Operating Systems	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris (RTS+)	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris (RTS+)	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris



Dell Poweredge Server Comparison Chart



Tower PowerEdge servers

	PowerEdge T105 AMD Processor Technology 1-socket (1S)	PowerEdge T110 Intel Processor Technology 1-socket (1S)	PowerEdge T310 Intel Processor Technology 1-socket (1S)	PowerEdge T410 Intel Processor Technology 2-socket (2S)	PowerEdge T610 Intel Processor Technology 2-socket (2S)	PowerEdge T710 (5U) Intel Processor Technology 2-socket (2S)
Chipset	nVidia CK804Pro	Intel 3420 (Ibex Peak PCH / ICH10R)	Intel 3420 (Ibex Peak PCH / ICH10R)	Intel 5500 (Tylersburg 24 / ICH10R)	Intel 5520 (Tylersburg 36D / ICH9)	Intel (Tylersburg 36D / ICH9)
Front Side Bus / HyperVisor	1GHz HyperTransport (2000MT/s)	DMI @ 2.5Gb/s	DMI @ 2.5Gb/s	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s
Processors	AMD Opteron Quad Core 1300 series (AMD Opteron Dual Core 1200 series) Sempron LE, Athlon X2	Xeon 3400 Quad Core "Lynnfield" Celeron/Pentium/Core i3 "Clarksdale"	Xeon 3400 Quad Core "Lynnfield" Celeron/Pentium/Core i3 "Clarksdale"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"
Memory	Up to 8GB 667/800MHz 4 Slots	Up to 16GB DDR-3 4 Slots	Up to 32GB DDR-3 6 Slots	Up to 128GB DDR-3 8 Slots	Up to 192GB DDR-3 12 Slots	Up to 192GB DDR-3 18 Slots
Hard Drives	2x 3.5" SAS / SATA / Near Line SAS (Cabled)	4x 3.5" SAS / SATA / Near Line SAS (Cabled)	4x 3.5" SAS / SATA / Near Line SAS or 2.5" SSD in 3.5" Carrier (Cabled / Hot Plug)	6x 3.5" SAS / SATA / Near Line SAS or 2.5" SSD in 3.5" Carrier (Cabled / Hot Plug)	8x 2.5" SAS / SATA / SSD or 8x 3.5" SAS / SATA / Near Line SAS (Hot Plug)	16x 2.5" SAS / SATA / SSD or 8x 3.5" SAS / SATA / Near Line SAS (Hot Plug)
Internal HD / RAID Controller	Optional SAS6iR (PCIe)	Optional SAS6iR / S100 / S300 / H200	Opt. SAS6iR/PERC6i/S100/S300/H200/H700	Opt. SAS6iR/PERC6i/S100/S300/H200/H700	SAS6iR / PERC6i / H200 / H700	SAS6iR / PERC6i / H200 / H700
External Storage	No	SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe)	PERC6/E or H800 (PCIe) SAS5/E (PCIe) LSI2032 SCSI (PCIe): SCSI Backup FC HBAs (PCIe)
PCI Slots (I/O)	3 PCIe and 1 PCI 32 bit	4x PCIe Gen2: 1x16 PCIe; 2x8 PCIe; 1x1 PCIe	5x PCIe Gen2: 2x8 PCIe; 2x1 PCIe; 1x16 PCIe	5x PCIe Gen2: 2x8 PCIe (FH/FL); 2x8 PCIe (FH/HL); 1x16 PCIe (FH/HL)	5x PCIe Gen2: 2x8 PCIe (FH/FL); 3x4 PCIe (FH/HL)	6x PCIe Gen2: 1x4 PCIe (FH/HL); 1x16 PCIe (FH/FL); 3x8 PCIe (FH/HL); 1x8 PCIe (FH/FL)
Internal Back-up	PV100T DAT72	DAT72; RD1000	DAT72; LTO-3, LTO-4; RD1000	DAT72; LTO-2, LTO-3, LTO-4; RD1000	DAT72; LTO-2, LTO-3, LTO-4; RD1000	DAT72; LTO-2, LTO-3, LTO-4; RD1000
Lan on Motherboard	1x Gigabit	1x Gigabit	2x Gigabit	2x Gigabit	2x Gigabit (TOE)	4x Gigabit (TOE)
DRAC	No	No	Optional iDRAC6	Optional iDRAC6	iDRAC6 Express/Enterprise, opt. VFlash	iDRAC6 Express/Enterprise, opt. VFlash
Redundant Power Supply	No	No	Yes, Optional	Yes, Optional	Yes, Optional	Yes, Optional
PSU Output	305W (non hot swap)	305W (non hot swap)	375W (single non hot swap) / 400W (redundant hot swap)	525W (single non hot swap) / 580W (redundant hot swap)	570W or 870W (hot swap)	1100W (hot swap)
System Fans	1 system fan + 1 optional SAS HDD fan, non hot swap, non redundant	1 system fan, non hot swap, non redundant	1 rear, non hot swap, non redundant	1 rear, non hot swap, non redundant	2 non hot swap, other 2 optional for redundancy	4 hot swap, redundant, single-rotor
USB Ports	2 front / 5 rear / 1 internal	2 front / 4 rear / 2 internal	2 front / 4 rear / 2 internal	2 front / 4 rear / 2 internal	2 front / 6 rear / 1 internal	2 front / 6 rear / 1 internal
Operating Systems	Windows 2003 / 2008 Red Hat; SuSe Linux	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX/ESXi DL ver. (post-RTS)	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX/ESXi DL ver. (post-RTS)	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi DL ver. Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat; SuSe Linux VMware ESX / ESXi Sun Solaris (post-RTS)



Requires M1000e chassis enclosure (with 16 blade slots)

Blade PowerEdge servers

	PowerEdge M605 AMD Processor Technology 2-socket (2S)	PowerEdge M610 Intel Processor Technology 2-socket (2S)	PowerEdge M710 Intel Processor Technology 2-socket (2S)	PowerEdge M805 AMD Processor Technology 2-socket (2S)	PowerEdge M905 AMD Processor Technology 4-socket (4S)	PowerEdge M910 Intel Processor Technology 4-socket (4S)
Blade Enclosure Slots	1 Slot (Half Height)	1 Slot (Half Height)	2 Slots (Full Height)	2 Slots (Full Height)	2 Slots (Full Height)	2 Slots (Full Height)
Chipset (North / South Bridge)	nVidia MCP55	Intel 5500 (Tylersburg 24 / ICH9)	Intel 5500 (Tylersburg 24 / ICH9)	nVidia MCP55	nVidia MCP55	Intel 7500 (Boxboro-EX / ICH10)
Front Side Bus / HyperVisor	1GHz HyperTransport	QPI @ 6.4 GT/s	QPI @ 6.4 GT/s	1GHz HyperTransport	1GHz HyperTransport	QPI @ 6.4 GT/s
Processors	1x / 2x AMD Opteron 2400 Six Core 1x / 2x AMD Opteron 2300 Quad Core (1x / 2x AMD Opteron 2200 Dual Core)	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	1x / 2x Xeon 5500 "Nehalem-EP" 1x / 2x Xeon 5600 "Westmere-EP"	2x AMD Opteron 2400 Six Core 2x AMD Opteron 2300 Quad Core 2x AMD Opteron 2200 Dual Core	4x AMD Opteron 8400 Six Core 4x AMD Opteron 8300 Quad Core (4x AMD Opteron 8200 Dual Core)	2x Xeon 6500 "Nehalem-EX" 2x / 4x Xeon 7500 "Nehalem-EX"
Memory	Up to 64GB 667/800MHz 8 Slots	Up to 192GB DDR-3 12 Slots	Up to 192GB DDR-3 18 Slots	Up to 128GB 667/800MHz 16 Slots	Up to 192GB 667/800MHz 24 Slots	Up to 512GB DDR-3 32 Slots
Hard Drives	2x 2.5" SAS / SATA / SSD (Hot Plug)	2x 2.5" SAS / SATA / SSD (Hot Plug)	4x 2.5" SAS (Hot Plug)	2x 2.5" SAS (Hot Plug)	2x 2.5" SAS (Hot Plug)	2x 2.5" SAS / SSD (Hot Plug)
Internal HD / RAID Controller	SAS6iR / CERC6	SAS6iR / CERC6 / PERC6 / H200 / H700	SAS6iR / CERC6 / PERC6 / H200 / H700	SAS6iR / CERC6 / PERC6	SAS6iR / CERC6 / PERC6	H200 / H700
Network Cards	2x Gigabit (TOE)	2x Gigabit (TOE)	4x Gigabit (TOE)	4x Gigabit (TOE)	4x Gigabit (TOE)	4x Gigabit (TOE)
DRAC	iDRAC embedded	iDRAC6 Enterprise, opt. VFlash	iDRAC6 Enterprise, opt. VFlash	iDRAC embedded	iDRAC embedded	iDRAC6 Enterprise, opt. VFlash
Expansion Slots	2 mezzanine slots	2 mezzanine slots	4 mezzanine slots	4 mezzanine slots	4 mezzanine slots	4 mezzanine slots
USB Ports	2 front	2 front / 1 internal	3 front / 1 internal	3 front	3 front	3 front / 1 internal
Operating Systems	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi Sun Solaris	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi	Windows 2003 / 2008 Red Hat, SuSe Linux VMware ESX / ESXi Sun Solaris



PowerEdge M1000e
Chassis Enclosure

Blade Server Expansion Cards

1 Gigabit Ethernet

10 Gigabit Ethernet

FC4 HBA QLogic and Emulex

FC8 HBA QLogic and Emulex

FCoE QLogic

Infiniband DDR

Infiniband QDR

2x Gigabit (TOE)