

Colfax Server Guide Based on AMD Opteron™ 6100 Series Processors

Model	Form Factor	CPUs / Cores	Max. Memory	Expansion Slots	Storage	Well Suited For
CX1450-N4	1U	4 / 48	512GB DDR3	1x PCI-E 2.0 x16	3x Hot-Swap SATA	HPC cluster computer node, data farm, front-end server, and other compute-intensive applications
CX1270-N4	1U	2 / 24	256GB DDR3	1x PCI-E 2.0 x16 1x UIO	4x Hot-Swap SAS/SATA	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
CX1250-N4	1U	2 / 24	256GB DDR3	2x PCI-E 2.0 x16 (Full-height Full-length) 1x PCI-E 2.0 x8	3x Hot-Swap SATA	GPU based HPC server for medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics
CX1230-N4	1U	2 / 24	256GB DDR3	2x PCI-E x8	4x Hot-Swap SATA	File/print server, firewall applications, mail server, web server for small business, server appliance, cluster node
CX1150-N4	1U	1 / 12	128GB DDR3	1x PCI-E 2.0 x16	4x Hot-Swap SATA	File/print server, firewall applications, mail server, web server for small business, server appliance, cluster node
CX2450-N4	2U	4 / 48	512GB DDR3	2x PCI-E 2.0 x16 1x PCI-E 2.0 x8 1x UIO	6x Hot-Swap SAS/SATA	mission-critical applications, enterprise server, HPC, large database, online transaction processing
CX2290-N4	2U Twin 4 Nodes	2 / 24 (per node)	256GB DDR3 (per node)	1x PCI-E x16 LP (per node)	3x Hot-Swap SATA (per node)	High-end enterprise server, high performance computing cluster (HPCC)
CX2270-N4	2U	2 / 24	256GB DDR3	3x PCI-E 2.0 x8 1x UIO	8x Hot-Swap SAS/SATA	High-end enterprise server, SQL server, high performance computing cluster (HPCC), storage server