

Technical Specifications

Nimble CS200 Series is ideal for midsize IT organizations or distributed sites of larger organizations, supporting workloads such as Microsoft applications, VDI, or virtual server consolidation.

Model - 1 GbE	CS210	CS220	CS220-X2	CS220-X4	CS240	CS240-X2	CS240-X4	CS260	CS260-X2
Model - 10 GbE		CS220G	CS220G-X2	CS220G-X4	CS240G	CS240G-X2	CS240G-X4	CS260G	CS260G-X2
Controller Type	High Performance								
Raw Disk Capacity (TB)	8	12	12	12	24	24	24	36	36
Effective Capacity—Base (TB) ²	4 to 9	8 to 16	8 to 16	8 to 16	16 to 33	16 to 33	16 to 33	25 to 50	25 to 50
Max Number of Expansion Shelves	1	3	3	3	3	3	3	3	3
Base Flash Capacity (GB) ²	160	320	640	1200	640	1200	2400	1200	2400
Network Connections Per Controller	4 x 1GbE	6 x 1GbE / G Model: 2 x 10GbE & 2 x 1GbE							
SAS Connectivity Per Controller	2 x 6Gb SAS								
Power Requirement	450W	500W							

Nimble CS400 Series delivers higher performance and is ideal for larger-scale deployments or IO-intensive workloads, such as larger scale VDI or transaction processing supported by Oracle or SQL Server.

Model - 1 GbE	CS420-X2	CS420-X4	CS440	CS440-X2	CS440-X4	CS460	CS460-X2
Model - 10 GbE	CS420G-X2	CS420G-X4	CS440G	CS440G-X2	CS440G-X4	CS460G	CS460G-X2
Controller Type	Extreme Performance						
Raw Disk Capacity (TB)	12	12	24	24	24	36	36
Effective Capacity—Base (TB) ²	8 to 16	8 to 16	16 to 33	16 to 33	16 to 33	25 to 50	25 to 50
Max Number of Expansion Shelves	3	3	3	3	3	3	3
Base Flash Capacity (GB) ³	640	1200	640	1200	2400	1200	2400
Network Connections Per Controller	6 x 1GbE / G Model: 2 x 10GbE & 2 x 1GbE						
SAS Connectivity Per Controller	2 x 6Gb SAS						
Power Requirement	550W						

Expansion Shelves ES1-Series

Model	ES1-H25	ES1-H45	ES1-H65
Raw Disk Capacity (TB)	15	30	45
Effective Capacity—Base (TB) ²	11 to 22	23 to 45	34 to 68
Base Flash Capacity (GB) ³	160	300	600
SAS Connectivity Per Controller	4x 6Gb SAS (2 modules/shelf)		
Power Requirement	400W		

Physical and Environmental Specifications

Dimensions	5.2"H x 17.2"W x 26.5"D / 13.2 cm x 43.7 cm x 67.3 cm / 3 Rack Units
Weight	76 lbs.
Operating Temperature	0° C - 40° C (32° F - 110° F)
Non-Operating Temperature	0° C - 40° C (32° F - 110° F)
Operating Humidity	8 - 90%
Non-operating Humidity	5 - 95%

Notes

1. The CS420 model is available in CS420-X2 and CS420-X4 options only.
2. Effective capacity is calculated after excluding space for parity, spares, and system overhead; the range represents no to 2x compression.
3. Flash serves as a cache and does not require any parity or spare reserves.