



NX-8000 SERIES

Per Node (2 per Block)							
Model	NX-8035-G6 (Configure to Order) 						
Server Compute*	Dual Intel Skylake: Bronze 3106 [8 cores / 1.7 GHz], Silver 4108 [8 cores / 1.8 GHz], Silver 4114 [10 cores / 2.2 GHz], Silver 4116 [12 cores / 2.1 GHz], Gold 5120 [14 cores / 2.2 GHz], Gold 6128 [6 cores / 3.4 GHz], Gold 6134 [8 cores / 3.2 GHz], Gold 6140 [18 cores / 2.3 GHz], Gold 6148 [20 cores / 2.4 GHz], Gold 6152 [22 cores / 2.1 GHz]						
Storage Capacity	<table border="1"> <thead> <tr> <th>HYBRID</th> <th>ALL FLASH ^f</th> <th>All-Flash with NVMe</th> </tr> </thead> <tbody> <tr> <td>2x SSD: [960 GB, 1.92 TB or 3.84 TB]; 4x HDD: [6 TB, 8 TB or 10 TB]</td> <td>2x, 4x, or 6x SSD: [960 GB, 1.92 TB or 3.84 TB]</td> <td>2x NVMe: [1.6TB] + 4x SSD: [1.92 TB or 3.84 TB]</td> </tr> </tbody> </table>	HYBRID	ALL FLASH ^f	All-Flash with NVMe	2x SSD: [960 GB, 1.92 TB or 3.84 TB]; 4x HDD: [6 TB, 8 TB or 10 TB]	2x, 4x, or 6x SSD: [960 GB, 1.92 TB or 3.84 TB]	2x NVMe: [1.6TB] + 4x SSD: [1.92 TB or 3.84 TB]
	HYBRID	ALL FLASH ^f	All-Flash with NVMe				
2x SSD: [960 GB, 1.92 TB or 3.84 TB]; 4x HDD: [6 TB, 8 TB or 10 TB]	2x, 4x, or 6x SSD: [960 GB, 1.92 TB or 3.84 TB]	2x NVMe: [1.6TB] + 4x SSD: [1.92 TB or 3.84 TB]					
2x M.2 Boot [240 GB]							
Memory	96 GB, 192 GB, 256 GB, 384 GB, 512 GB or 768 GB						
Network Connections	2x 10GBase-T, 1x 1GbE IPMI Add-on: Up to 2x Dual-Port 10GbE SFP+ or 2x Quad-Port 10GbE SFP or 2x Dual-Port 10GBase-T or 2x Dual-Port 40GbE QSFP+						
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS						

Per Block	
Dimensions	Height: 3.5" (89mm), Width: 19.06" (484mm), Depth: 31.54" (801mm) Rack Units: 2U
Weight	70.55 lbs. (32kg) stand-alone, 100.7 lbs. (45.67kg) package
System Cooling	4x80mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-95°F (10°-35°C) Non-Op Temp Rng: -40°-158°F (-40°- 70°C) Op Humidity Rng (non-condensing): 8-90% Non-Op Humidity Rng: 5-95%
Power Consumption	1302W maximum, 846W typical
Power Supply (Dual Supply / Block)	1.2kW Out @100-127V, 14-11A, 50-60Hz; 2.2kW Out @220-240V, 10-9.8A, 50-60Hz; 80PLUS (TITANIUM)
Thermal Dissipation	4443 BTU/hr maximum, 2888 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket


NX-8000 SERIES (cont.)

Per Node (1 per Block)							
Model	NX-8155-G6 (Configure to Order) 						
Server Compute*	Dual Intel Skylake: Silver 4108 [8 cores / 1.8 GHz], Silver 4114 [10 cores / 2.2 GHz], Gold 5120 [14 cores / 2.2 GHz], Gold 6128 [6 cores / 3.4 GHz], Gold 6148 [20 cores / 2.4 GHz], Gold 6152 [22 cores / 2.1 GHz], Gold 6154 [18 cores / 3 GHz], Platinum 8180 [28 cores / 2.5 GHz]						
Storage Capacity	<table border="1"> <thead> <tr> <th>HYBRID</th> <th>ALL FLASH †</th> <th>All-Flash with NVMe</th> </tr> </thead> <tbody> <tr> <td>2x SSD + 10x HDD or 4x SSD + 8x HDD; SSD: [960 GB, 1.92 TB or 3.84 TB] + HDD: [4 TB, 6 TB or 8 TB]</td> <td>4x, 6x, 8x or 12x SSD: [960 GB, 1.92 TB or 3.84 TB]</td> <td>4x NVMe: [1.6 TB] + 8x SSD: [1.92 TB or 3.84 TB]</td> </tr> </tbody> </table>	HYBRID	ALL FLASH †	All-Flash with NVMe	2x SSD + 10x HDD or 4x SSD + 8x HDD; SSD: [960 GB, 1.92 TB or 3.84 TB] + HDD: [4 TB, 6 TB or 8 TB]	4x, 6x, 8x or 12x SSD: [960 GB, 1.92 TB or 3.84 TB]	4x NVMe: [1.6 TB] + 8x SSD: [1.92 TB or 3.84 TB]
	HYBRID	ALL FLASH †	All-Flash with NVMe				
2x SSD + 10x HDD or 4x SSD + 8x HDD; SSD: [960 GB, 1.92 TB or 3.84 TB] + HDD: [4 TB, 6 TB or 8 TB]	4x, 6x, 8x or 12x SSD: [960 GB, 1.92 TB or 3.84 TB]	4x NVMe: [1.6 TB] + 8x SSD: [1.92 TB or 3.84 TB]					
2x M.2 Boot [240 GB]							
Memory	96 GB, 192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1 TB, or 1.5 TB						
Network Connections	SIOM: 2x 10GBase-T, 1x 1GbE RJ45 (IPMI) Add-on (up to): 3x Dual or Quad-Port 10GbE SFP+ or 3x Dual-Port 10GBase-T or 3x-Dual-Port 25GbE SFP28 or 3x Dual-Port 40GbE QSFP+						
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS						

Per Block	
Dimensions	Height: 3.54" (90mm), Width: 17.76" (451mm), Depth: 31.18" (792mm) Rack Units: 2U
Weight	56.75 lbs. (25.74kg) stand-alone, 92.31 lbs. (41.87kg) package
System Cooling	4x80mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-95°F (10°-35°C) Non-Op Temp Rng: -40°-158°F (-40°- 70°C) Op Humidity Rng (non-condensing): 20-90% Non-Op Humidity Rng (non-condensing): 5-95%
Power Consumption	1070W maximum, 700W typical
Power Supply (Dual Supply / Block)	1.6kW Output @100-240V, 13A-8A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	3650 BTU/hr maximum, 2388 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket

NX-8000 SERIES (cont.)

	Per Node (1 per Block)	
Model	NX-8150-G5 (Configure to Order) 	
Server Compute*	Dual Intel Broadwell: E5-2667v4 [8 cores / 3.2 GHz], E5-2680v4 [14 cores / 2.4 GHz], E5-2695v4 [18 cores / 2.1 GHz], E5-2699v4 [22 cores / 2.2 GHz]	
Storage Capacity	HYBRID	ALL FLASH ^f
	4x SSD: [480 GB, 960 GB or 1.92 TB] 20x HDD: [1 TB or 2 TB]	24x SSD: [480 GB] 8x, 12x, 16x, 20x, or 24x SSD: [960 GB or 1.92 TB]
Memory	128 GB, 192 GB, 256 GB, 384 GB, 512 GB, 640 GB, 768 GB, 1 TB or 1.5 TB	
Network Connections	2x 10GBase-T SIOM, 1x 1GbE IPMI Add-on: 1x Dual-Port 10GbE SFP+ or 1x 10GBase-T or 1x Quad-Port 10GbE SFP+ or 1x Dual-Port 25GbE SFP+	
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS	

	Per Block
Dimensions	Height: 3.46" (88mm), Width: 19.56" (484mm), Depth: 30.08" (764mm) Rack Units: 2U
Weight	47.5 lbs. (21.5kg) stand-alone, 57.2 lbs. (25.9kg) package
System Cooling	4x80mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-95°F (10°-35°C) Non-Op Temp Rng: -40°-150°F (-40°- 70°C) Op Humidity Rng (non-condensing): 8-95% Non-Op Humidity Rng: 5-95%
Power Consumption	650W maximum, 400W typical
Power Supply (Dual Supply / Block)	0.8kW Out @100-120V, 9.8-7A, 50-60Hz; 1.0kW Out @200-240V, 7-5A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	2217 BTU/hr maximum, 1364 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket