



NX-3000 SERIES

Per Node (4 per Block)			
Model	NX-3060-G6 (Configure to Order) 		
Server Compute*	Dual Intel Skylake: 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 6130 [16 cores / 2.1 GHz], Gold 6138 [20 cores / 2.0 GHz], Gold 6126 [12 cores / 2.6 GHz]		
Storage Capacity	HYBRID	ALL FLASH †	All-Flash with NVMe
	2x SSD: [960 GB, 1.92 TB or 3.84 TB]; 4x HDD: [2 TB];	2x, 4x or 6x SSD: [960 GB, 1.92 TB or 3.84 TB]	2x NVMe: [1.6 TB] + 4x SSD: [1.92 TB or 3.84 TB]
	2x M.2 Boot [240 GB]		
Memory	192 GB, 256 GB, 384 GB, 512 GB or 768 GB		
Network Connections	1x Dual 10GBase-T LOM Add-on: Up to 2x Dual-Port 10GbE SFP+ or 2x Quad-Port 10GbE SFP+ or 2x Dual-Port 10GBase-T 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: 3.5" (89mm), Width: 19.05" (484mm), Depth: 31.50" (800mm): Rack Units: 2U
Weight	78 lbs. (35.38kg) stand-alone, 115 lbs. (52.16kg) 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 (non-condensing): 5-95%
Power Consumption	2080W maximum, 1700W typical
Power Supply (Dual Supply / Block)	1.2kW Out @100-120V, 14-11A, 50-60Hz; 2.09kW Out @200-240V, 14-11A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	7098 BTU/hr maximum, 5800 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket


NX-3000 SERIES (cont.)

Per Node (1 per Block)	
Model	NX-3155G-G6 (Configure to Order) 
Server Compute*	Silver 4116 [12 cores / 2.1 GHz], Gold 5120 [14 cores / 2.2 GHz], Gold 6130 [16 cores / 2.1 GHz], Gold 6148 [20 cores / 2.4 GHz], Gold 6152 [22 cores / 2.1 GHz], Platinum [28 cores / 2.1 GHz]
Storage Capacity	HYBRID
	2x SSD: [960 GB, 1.92 TB or 3.8 TB] + 4x HDD: [6 TB or 8 TB]
	ALL FLASH ^f
	2x, 4x or 6x SSD: [960 GB, 1.92 TB, or 3.8 TB]
	2x M.2 Boot [240 GB]
Memory	192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1 TB, 1.5 TB
Network Connections	LOM: 2x 10GBase-T, 1x 1GbE IPMI 1x-3x Add-on NIC: Dual-Port 10GBase-T or Dual-Port 10GbE SFP+ or Quad-Port 10GbE SFP+ or Dual-Port 25GbE SFP+ or Dual-Port 40GbE QSFP+
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS
GPU	1x or 2x GPU: [M10, P40 or V100]

Per Block	
Dimensions	Height: 3.5" (89mm), Width: 17.2" (437mm), Depth: 28.46" (723mm) Rack Units: 2U
Weight	36 lbs. (16.4kg) stand-alone, 81 lbs. (36.74kg) package
System Cooling	4x80mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-86°F (10°-30°C); Non-Op Temp Rng: -40°-158°F (-40°- 70°C); Op Humidity Rng (non-condensing): 20-90%; Non-Op Humidity Rng: 5-95%
Power Consumption	1400W maximum power, 980W typical
Power Supply (Dual Supply / Block)	1.6kW Out: 100-240V, 13.A-8.0A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	4777 BTU/hr maximum, 3344 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket


NX-3000 SERIES (cont.)

	Per Node (1 per Block)		
Model	NX-3170-G6 (Configure to Order) 		
Server Compute*	Dual Intel Skylake: 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], Platinum 8176 [28 cores / 2.1 GHz]		
Storage Capacity	HYBRID	ALL FLASH ^f	All-Flash with NVMe
	2x SSD: [960 GB, 1.92 TB or 3.84 TB] + 6x HDD: [2 TB]	2x, 4x, 6x or 8x SSD: [960 GB, 1.92 TB or 3.84 TB]	2x NVMe: [1.6 TB] + 8x SSD: [1.92 TB or 3.84 TB]
	2x M.2 Boot [240 GB]		
Memory	192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1 TB, 1.5 TB		
Network Connections	LOM: 1x Dual-Port 10GBase-T, 1x 1GbE IPMI Add-on NIC: 2x Dual or Quad-Port 10GbE SFP+ or 2x Dual-Port 10GBase-T or 2x Dual-Port 25GbE SFP+		
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS		
GPU	1x M10, or 1x P40		

	Per Block
Dimensions	Height: 1.7" (43mm), Width: 17.02" (437mm), Depth: 28.5" (724mm) Rack Units: 1U
Weight	26 lbs. (11.8kg) stand-alone, 41 lbs. (18.6kg) package
System Cooling	8x 40x56mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-86°F (10°-30°C) Non-Op Temp Rng: -40°-158°F (-40°- 70°C) Op Humidity Rng (noncondensing): 20-90% Non-Op Humidity Rng: 5-95%
Power Consumption	1053W maximum, 700W typical
Power Supply (Dual Supply / Block)	1.2kW Out @200-240V, 9.8/7.5-6A, 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-3000 SERIES (cont.)

Per Node (1 per Block)	
Model	NX-3155G-G5 (Configure to Order) 
Server Compute*	Dual Intel Broadwell: E5-2650v4 [12 cores / 2.2Ghz], E5-2667v4 [8 cores / 3.2Ghz], E5-2680v4 [14 cores / 2.4 GHz], E5-2695v4 [18 cores / 2.1GHz], Platinum 8176 [28 cores / 2.1 GHz]
Storage Capacity	HYBRID
	2x SSD: [480 GB, 960 GB or 1.92 TB] 4x HDD: [2 TB, 4 TB, 6 TB or 8 TB]
	ALL FLASH ^f
	6x SSD: [960 GB, 1.92 TB, or 3.8 TB]
	2x M.2 Boot [240 GB]
Memory	128 GB, 192 GB, 256 GB, 384 GB, 512 GB, 640 GB, 768 GB, 1 TB, 1.5 TB
Network Connections	4x 1GbE, 1x 1GbE IPMI Add-on: Up to 3x Dual-Port 10GBase-T or 3x Dual-Port 10GbE or 3x Quad-Port 10GbE
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS
GPU	Up to 2x M10, 2x M60 or 2x P40

Per Block	
Dimensions	Height: 3.46" (88mm), Width: 19.25" (489mm), Depth: 31.22" (793mm) Rack Units: 2U
Weight	60.63 lbs. (27.52kg) stand-alone, 78 lbs. (35.33kg) 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): 8-95%; Non-Op Humidity Rng: 5-95%
Power Consumption	1492W maximum power, 1350W typical
Power Supply (Dual Supply / Block)	1.0kW Out @100-127V, 13.0-9.0A, 50-60Hz; 1.6kW Out @200-240V, 10.0- 8.0A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	5092 BTU/hr maximum, 4607 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket

NX-3000 SERIES (cont.)

Per Node (1 per Block)	
Model	NX-3175-G5 (Configure to Order) 
Server Compute*	Dual Intel Broadwell: E5-2650v4 [12 cores / 2.2 GHz], 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
	2x SSD: [480 GB, 960 GB or 1.92 TB] 2x HDD: [2 TB, 4 TB, 6 TB or 8 TB]
Storage Capacity	ALL FLASH ^f
	4x SSD: [480 GB] 2x or 4x SSD: [960 GB, 1.92 TB or 3.84 TB]
Memory	128 GB, 192 GB, 256 GB, 384 GB, 512 GB, 640 GB, 768 GB, 1 TB, 1.5 TB
Network Connections	2x 10GbE, 1x 1GbE IPMI Add-on: 1x Dual-Port 10GbE, 1x Quad-Port 10GbE or 1x Dual-Port 10GBase-T
Certifications	CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS
GPU	1x M10, 1x M60 or 1x P40

Per Block	
Dimensions	Height: 1.7" (43mm), Width: 19.09" (485mm), Depth: 30.79" (782mm) Rack Units: 1U
Weight	33 lbs. (14.9kg) stand-alone, 46.7 lbs. (21.2kg) package
System Cooling	8x 40x56mm heavy duty fans with PWM fan speed controls
Operating Environment	Op Temp Rng: 50°-95°F (10°-35°C) Non-Op Temp Rng: -40°-140°F (-40°- 60°C) Op Humidity Rng (non-condensing): 8-90% Non-Op Humidity Rng: 5-95%
Power Consumption	873W maximum, 567W typical
Power Supply (Dual Supply / Block)	0.8kW Out @100-127V, 9.8-7.0A, 50-60Hz; 1.0kW Out @200-240V, 7.0- 5.0A, 50-60Hz; 80PLUS TITANIUM
Thermal Dissipation	2979 BTU/hr maximum, 1936 BTU/hr typical
Operating Requirements	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

* number of cores per CPU socket