NX-3170-G7 SPECIFICATION

MODEL	Nutanix : Per Node ([1] per Block) NX-3170-G7 (Configure to Order)
DEPLOYMENT MODEL	Factory-Installed Software
USE CASE(S)	Private Cloud, End-User Computing/Virtual Desktop Infrastructure
SERVER COMPUTE **	Dual Intel Cascade Lake: Gold 6258R [28 cores / 2.7 GHz] Gold 6248R [24 cores / 3.0 GHz] Gold 6246R [16 cores / 3.4 GHz] Gold 6244 [8 cores / 3.6 GHz] Gold 6242R [20 cores / 3.1 GHz] Gold 6226R [16 cores / 2.9 GHz] Gold 5220R [24 cores / 2.2 GHz] Gold 5218R [20 cores / 2.1 GHz] Silver 4215R [8 cores / 3.2 GHz]
STORAGE CAPACITY	
Storage: All-flash (SED)	[2, 4, 6, 8] x SSD: [1.92 TB, 3.84 TB]
Storage: All-flash	[2, 4, 6, 8] x SSD: [1.92 TB, 3.84 TB, 7.68 TB]
Hypervisor Boot Drive	[2] x M.2 Boot[240 GB]
Storage: SSD with NVMe	[2] x NVMe: [1.92 TB, 3.84 TB, 7.68 TB], [2, 4, 6, 8] x SSD: [1.92 TB, 3.84 TB, 7.68 TB]
MEMORY	128 GB, 192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1024 GB, 1536 GB
NETWORK CONNECTIONS	
SERVERBOARD	[1] x Dedicated IPMI port, 100M/1GbE [1] x On-board LOM, Port 2, 10GBase-T [1] x On-board LOM, Port 1, 10GBase-T (IPMI failover)
NICs in PCIe slots 1, 2, or 3	[1, 2, 3] x Dual-port 25 GbE NIC [1, 2, 3] x Dual-port 10GBase-T NIC [1, 2, 3] x Quad-port 10 GbE NIC [1, 2, 3] x Dual-port 10 GbE NIC [1, 2, 3] x Dual-port 40 GbE NIC
GPU	N/A
CERTIFICATIONS	Energy Star, CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS
DIMENSIONS (PER BLOCK)	Height: 1.64" (41.60 mm) Width: 17.16" (435.80 mm) Depth: 28.52" (724.39 mm) Rack Units: 1U 1N

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WEIGHT (PER BLOCK)	Standalone: 26.01 lbs.(11.8 kg) Package: 39.00 lbs.(17.69 kg)
SYSTEM COOLING	8x 40 mm heavy duty fans with PWM fan speed controls
OPERATING ENVIRONMENT (PER BLOCK)	Op Temp Rng: 50° to 86°F(10° to 30°C) Non-Op Temp Rng: -40° to 158°F(-40° to 70°C) Op Humidity Rng (non-condensing): 20% to 95% Non-Op Humidity Rng: 5% to 95%
POWER CONSUMPTION	Maximum: 980W Typical: 700W
POWER SUPPLY (DUAL SUPPLY / BLOCK)	1.2kW Output @100-240V, 7.5-9.8A, 50-60Hz; 80PLUS TITANIUM
THERMAL DISSIPATION	Maximum: 3344 BTU/hr Typical: 2388 BTU/hr
OPERATING REQUIREMENTS (PER BLOCK)	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

** Number of cores per CPU socket.

Each node must contain DIMMs only of the same type, speed, and capacity.

The tolerance for dimensions more than 2 mm thickness is +/- 1.5 mm.

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