

# NX-3170-G6 SPECIFICATION

<b>MODEL</b>	Nutanix : Per Node ([1] per Block) NX-3170-G6 (Configure to Order)
<b>USE CASE(S)</b>	Private Cloud, End-User Computing/Virtual Desktop Infrastructures
<b>SERVER COMPUTE**</b>	Dual Intel Skylake: Gold 6148 [20 cores / 2.4 GHz] Platinum 8176 [28 cores / 2.1 GHz] Gold 5120 [14 cores / 2.2 GHz] Gold 6144 [8 cores / 3.5 GHz] Gold 6154 [18 cores / 3.0 GHz] Gold 6152 [22 cores / 2.1 GHz] Platinum 8180 [28 cores / 2.5 GHz] Gold 6128 [6 cores / 3.4 GHz]
<b>STORAGE CAPACITY</b>	
<b>HYBRID (SSD-HDD)</b>	[2] x SSD: [960 GB, 1.92 TB, 3.84 TB or 7.68 TB], [6] x HDD: [2 TB]
<b>ALL FLASH (SSD-SED)</b>	[2, 4, 6] x SSD: [960 GB or 1.92 TB]
<b>HYBRID (SSD-HDD-SED)</b>	[2] x SSD: [960 GB or 1.92 TB], [6] x HDD: [2 TB]
<b>ALL FLASH (SSD)</b>	[2, 4, 6, 8] x SSD: [960 GB, 1.92 TB, 3.84 TB or 7.68 TB]
<b>HYBRID (SSD-NVME)</b>	[8] x SSD: [960 GB, 1.92 TB, 3.84 TB or 7.68 TB]
<b>MEMORY</b>	192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1024 GB, 1536 GB
<b>NETWORK CONNECTIONS</b>	
<b>SERVERBOARD</b>	[1] x 10G BASE-T RJ45
<b>PCI-E SLOT 1 OR 2</b>	[1] x Dual-port 10 GbE SFP+ NIC (or) [1] x Quad-port 10 GbE SFP+ NIC (or) [1] x Dual-port 10 GbE SFP+ NIC (or) [1] x Dual-port 25 GbE SFP28 NIC (or) [1] x Dual-port 40 GbE QSFP28 NIC
<b>GPU†</b>	[0, 1] x NVIDIA Tesla M10 [0, 1] x NVIDIA Tesla P40
<b>CERTIFICATIONS</b>	Energy Star, CSAus, FCC, CSA, ICES, CE, KCC, RCM, VCCI-A, BSMI, EAC, SABS, INMETRO, S-MARK, UKRSEPRO, BIS
<b>DIMENSIONS (PER BLOCK)</b>	Height: 1.69"(43 mm) Width: 17.20"(437 mm) Depth: 28.50"(724 mm) Rack Units: 1U 1N
<b>WEIGHT</b>	Standalone: 26.01 lbs.(11.8 kg)

**MODEL** Nutanix : Per Node ([1] per Block) NX-3170-G6 (Configure to Order)

(PER BLOCK)	Package: 39.00 lbs.(17.69 kg)
SYSTEM COOLING	8x 40mm 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: 1053W Typical: 700W
POWER SUPPLY (DUAL SUPPLY / BLOCK)	1.2kW Output @100-240V, 9.8-7.5A, 50-60Hz; 80PLUS TITANIUM
THERMAL DISSIPATION	Maximum: 3650 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.

† number of cores per CPU socket. Gold 6144, Gold 6154, Platinum 8180 cannot be used in-conjunction with GPUs.