

# NX-8035-G7 SPECIFICATION

<b>MODEL</b>	Nutanix : Per Node ([2] per Block) NX-8035-G7 (Configure to Order)
<b>DEPLOYMENT MODEL</b>	Factory-Installed Software
<b>USE CASE(S)</b>	Database and Business Critical Apps
<b>SERVER COMPUTE **</b>	Dual Intel Cascade Lake: Gold 6252 [24 cores / 2.1 GHz] Gold 6248 [20 cores / 2.5 GHz] Gold 6242 [16 cores / 2.8 GHz] Gold 6240 [18 cores / 2.6 GHz] Gold 6234 [8 cores / 3.3 GHz] Gold 6230R [26 cores / 2.1 GHz] Gold 6226R [16 cores / 2.9 GHz] Gold 5220R [24 cores / 2.2 GHz] Gold 5220 [18 cores / 2.2 GHz] Gold 5218R [20 cores / 2.1 GHz] Silver 4216 [16 cores / 2.1 GHz] Silver 4215R [8 cores / 3.2 GHz] Silver 4214R [12 cores / 2.4 GHz] Silver 4214 [12 cores / 2.2 GHz] Silver 4208 [8 cores / 2.1 GHz]
<b>STORAGE CAPACITY</b>	
Storage: Hybrid	[2] x SSD: [1.92 TB, 3.84 TB, 7.68 TB], [4] x HDD: [6 TB, 8 TB, 12 TB]
Storage: All-flash (SED)	[2, 4, 6] x SSD: [1.92 TB, 3.84 TB]
Storage: All-flash	[2, 4, 6] x SSD: [1.92 TB, 3.84 TB, 7.68 TB]
Hypervisor Boot Drive	[2] x RAID M.2 Device: [240 GB]
Storage: Hybrid (SED)	[2] x SSD: [1.92 TB, 3.84 TB], [4] x HDD: [6 TB, 8 TB, 12 TB]
Storage: SSD with NVMe	[2] x NVMe: [1.92 TB, 3.84 TB], [4] x SSD: [1.92 TB, 3.84 TB, 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 Dedicated IPMI port, 100M/1GbE [1] x On-board SIOM, Port 2, 10GBase-T [1] x On-board SIOM, Port 1, 10GBase-T (IPMI failover)
NICs in PCIe slots 1 or 2	[1, 2] x Dual-port 25 GbE NIC [1, 2] x Dual-port 10 GBase-T NIC [1, 2] x Quad-port 10 GbE NIC [1, 2] x Dual-port 10 GbE NIC [1, 2] x Dual-port 40 GbE NIC

<b>MODEL</b>	<b>Nutanix : Per Node ([2] per Block) NX-8035-G7 (Configure to Order)</b>
<b>GPU</b>	N/A
<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: 3.46" (88 mm) Width: 17.68" (449 mm) Depth: 30.11" (764.75 mm) Rack Units: 2U 2N
<b>WEIGHT (PER BLOCK)</b>	Standalone: 70.55 lbs.(32.0 kg) Package: 100.71 lbs.(45.68 kg)
<b>SYSTEM COOLING</b>	4x 80 mm heavy duty fans with PWM fan speed controls
<b>OPERATING ENVIRONMENT (PER BLOCK)</b>	Op Temp Rng: 50° to 95°F(10° to 35°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%
<b>POWER CONSUMPTION</b>	Maximum: 1331W Typical: 861W
<b>POWER SUPPLY (DUAL SUPPLY / BLOCK)</b>	1.2kW Output @100-240V, 7.5-9.8A, 50-60Hz; 2.2kW Output @220-240V, 9.8-10.0A, 50-60Hz; 80PLUS TITANIUM
<b>THERMAL DISSIPATION</b>	Maximum: 4548 BTU/hr Typical: 2928 BTU/hr
<b>OPERATING REQUIREMENTS (PER BLOCK)</b>	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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