

NX-8155-G7 SPECIFICATION

MODEL	Nutanix : Per Node ([1] per Block) NX-8155-G7 (Configure to Order)
DEPLOYMENT MODEL	Factory-Installed Software
USE CASE(S)	Database and Business Critical Apps, Files and Objects
SERVER COMPUTE **	Dual Intel Cascade Lake: Platinum 8280 [28 cores / 2.7 GHz] Platinum 8268 [24 cores / 2.9 GHz] Gold 6258R [28 cores / 2.7 GHz] Gold 6254 [18 cores / 3.1 GHz] Gold 6248R [24 cores / 3.0 GHz] Gold 6248 [20 cores / 2.5 GHz] Gold 6246R [16 cores / 3.4 GHz] Gold 6244 [8 cores / 3.6 GHz] Gold 6242R [20 cores / 3.1 GHz] Gold 6242 [16 cores / 2.8 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 4215R [8 cores / 3.2 GHz] Silver 4214 [12 cores / 2.2 GHz]
STORAGE CAPACITY	
Storage: Hybrid	[4] x SSD: [1.92 TB, 3.84 TB, 7.68 TB], [8] x HDD: [6 TB, 8 TB, 12 TB][2] x SSD: [3.84 TB, 7.68 TB], [4, 6, 8, 10] x HDD: [6 TB, 8 TB, 12 TB][2] x SSD: [1.92 TB], [4, 6, 8, 10] x HDD: [6 TB]
Storage: All-flash (SED)	[4, 6, 8, 10, 12] x SSD: [1.92 TB, 3.84 TB]
Storage: All-flash	[4, 6, 8, 10, 12] 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)	[4] x SSD: [1.92 TB, 3.84 TB], [8] x HDD: [6 TB, 8 TB, 12 TB][2] x SSD: [3.84 TB], [4, 6, 8, 10] x HDD: [6 TB, 8 TB, 12 TB][2] x SSD: [1.92 TB], [4, 6, 8, 10] x HDD: [6 TB]
Storage: SSD with NVMe	[4] x NVMe: [1.92 TB, 3.84 TB, 7.68 TB], [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 40 GbE NIC [1, 2, 3] x Dual-port 25 GbE NIC [1, 2, 3] x Dual-port 10 GbE-T NIC [1, 2, 3] x Dual-port 10 GbE NIC

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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: 3.47" (88.10 mm) Width: 17.36" (440.90 mm) Depth: 29.18" (741.10 mm) Rack Units: 2U 1N
WEIGHT (PER BLOCK)	Standalone: 55.40 lbs.(25.13 kg) Package: 80.91 lbs.(36.7 kg)
SYSTEM COOLING	4x 80 mm heavy duty fans with PWM fan speed controls
OPERATING ENVIRONMENT (PER BLOCK)	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%
POWER CONSUMPTION	Maximum: 1070W Typical: 700W
POWER SUPPLY (DUAL SUPPLY / BLOCK)	1.6kW Output @100-240V, 8.0-13.0A, 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.

A minimum of 12-core processor is required with 12 TB HDD.

When partially populating a platform, use only even numbers of drives.

A minimum of 12-core processor is required with 12 TB encrypted HDD. This drive cannot be used with 8-core processors.

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.

The maximum operating temperature for 6242R, 6246R, 6248R, and 6258R processors is 30C for Hybrid drive configuration.



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