

NX-8150-G7 SPECIFICATION

MODEL	Nutanix : Per Node ([1] per Block) NX-8150-G7 (Configure to Order)
DEPLOYMENT MODEL	Factory-Installed Software
USE CASE(S)	Database and Business Critical Apps
SERVER COMPUTE **	Dual Intel Cascade Lake: Platinum 8280L [28 cores / 2.7 GHz] Platinum 8280 [28 cores / 2.7 GHz] Platinum 8268 [24 cores / 2.9 GHz] Platinum 8260L [24 cores / 2.4 GHz] Gold 6258R [28 cores / 2.7 GHz] Gold 6256 [12 cores / 3.6 GHz] Gold 6254 [18 cores / 3.1 GHz] Gold 6250 [8 cores / 3.9 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 6242 [16 cores / 2.8 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)	[4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24] x SSD: [1.92 TB, 3.84 TB]
Storage: All-flash	[4, 6, 8, 10, 12, 14, 16] x SSD: [7.68 TB][4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24] x SSD: [1.92 TB, 3.84 TB]
Hypervisor Boot Drive	[2] x RAID M.2 Device: [240 GB]
Storage: SSD with NVMe	[4] x NVMe: [7.68 TB], [4, 6, 8, 10, 12] x SSD: [7.68 TB][4] x NVMe: [1.92 TB, 3.84 TB], [4, 6, 8, 10, 12, 14] x SSD: [7.68 TB][4] x NVMe: [1.92 TB, 3.84 TB, 7.68 TB], [4, 6, 8, 10, 12, 14, 16, 18, 20] x SSD: [1.92 TB, 3.84 TB]
MEMORY	128 GB, 192 GB, 256 GB, 384 GB, 512 GB, 768 GB, 1024 GB, 1536 GB, 2048 GB, 3072 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 GBase-T NIC [1, 2, 3] x Dual-port 10 GbE NIC
GPU	N/A

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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" (440.87 mm) Depth: 28.37" (720.60 mm) Rack Units: 2U 1N
WEIGHT (PER BLOCK)	Standalone: 46.08 lbs.(20.9 kg) Package: 71.67 lbs.(32.51 kg)
SYSTEM COOLING	4x 80 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: 1206W Typical: 784W
POWER SUPPLY (DUAL SUPPLY / BLOCK)	1.6kW Output @100-240V, 8.0-13.0A, 50-60Hz; 80PLUS TITANIUM
THERMAL DISSIPATION	Maximum: 4116 BTU/hr Typical: 2676 BTU/hr
OPERATING REQUIREMENTS (PER BLOCK)	Input Voltage: 100-240V AC auto-range, Input Frequency: 50-60Hz

** Number of cores per CPU socket.

A platform can be partially populated with SSDs in groups of two. All SSDs in a node must have the same capacity.

128GB DIMMs are supported only with L-type CPUs, such as 8280L. 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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