

Diamanti D20X

Diamanti D20X delivers modern hyperconverged infrastructure with the second generation Intel® Xeon® Scalable Processors (Cascade Lake), NVMe storage and a wide range of RAM options. Powered by Diamanti Ultima acceleration cards, Diamanti D20X delivers the first and only Kubernetes solution integrated with a patented I/O-optimized architecture, delivering transformational application performance. D20X is offered in 3 configurations: Small (S), Medium (M) and Large (L).

Diamanti D20X Specifications

Minimum of 3-node configuration is recommended

HARDWARE SPECIFICATIONS (per node)

NETWORK	Diamanti Ultima Network Card with 4x10 GbE via QSFP+ module
STORAGE	Diamanti Ultima Storage Card DATA STORAGE 4 TB configuration: 4x1000 GB NVMe SSD (with SED option) 8 TB configuration: 4x2000 GB NVMe SSD (with SED option) 32 TB configuration: 4x8000 GB NVMe SSD (with SED option) HOST OS AND EPHEMERAL STORAGE 960 GB (2x480 GB SATA SSD)
COMPUTE	CPU: 2x 2nd Generation Intel® Xeon® Scalable Processors with 24 / 40 / 52 physical cores RAM: 192 / 384 / 768 GB

PHYSICAL SPECIFICATIONS (per node)

RACKSPACE	1U
DIMENSIONS	17.28"W x 28.03"D x 1.70"H
POWER SUPPLY	Dual redundant 110/220V power supplies
MAX POWER	D20X S: 470 W D20X M: 604 W D20X L: 822 W
ENVIRONMENTAL D20X S, M	Operating temperature: 50°F to 95°F (10°C to 35°C)

AVAILABLE CONFIGURATION

D20X Small	2 nd Gen Intel® Xeon® Silver 4214R (2.40 GHz) 24 CPU cores / 192 GB RAM / 4 TB Storage
D20X Medium	2 nd Gen Intel® Xeon® Gold 5218R (2.10 GHz) 40 CPU cores / 384 GB RAM / 8 TB Storage
D20X Large	2 nd Gen Intel® Xeon® Gold 6230R (2.10 GHz) 52 CPU cores / 768 GB RAM / 32 TB Storage