



renderBOXX

The redesigned renderBOXX now features four individual render nodes each with dual Intel® Xeon® Scalable Processors. The four nodes are housed in a 2U rackmount server. With a computational density of up to 224 cores (448 threads) the new renderBOXX will drastically reduce render times when producing complex visualization and animation.



Key Features

- Dual Intel® Xeon® processors with up to 28 cores each (56 total)
- Optional solid state drive for improved performance and reliability
- Up to 1TB of Memory
- Intelligent Platform Management Interface (IPMI) Version 2.0 with KVM Over IP
- Multi-threaded, dedicated rendering/simulation powerhouse compatible with any PC workstation

Materials

Professional grade aluminum chassis manufactured in the U.S.

Service & Support

Three-year standard warranty. One year of 24/7 phone support with next business day onsite repair at no additional cost (US and Canada only).

Chipset: Intel C621

Socket: Dual (3647)

CPU Cooling: Air-Cooled

Processor: Dual Intel Xeon SP 2nd Gen

Cores Frequency (GHz): 2.2 Base clock / 4.0 Boost clock

Cores/Threads: 56/112

Multi-Threading: Yes

Max Configurable Memory: 1TB

DIMM Slots: 16

Physical PCIe Slots:

x16/x16 (Low-profile cards only)

PCIe Lanes per GPU:

1: x16

M.2 Drives:

U.2 Support: No

RAID Support: 0,1,10

OCuLink Support: No

Max 2.5" / 3.5" Configurations: 24 x 2.5"

Onboard Wi-Fi: N/A

Onboard Bluetooth: N/A

Power Supply: 2200-watt x 2 (80 PLUS Titanium)

GPU Power Budget (W): 75

Chassis Dimensions:

17.25" (43.8cm) W

3.47" (8.8cm) H

28.5" (72.4cm) D

Front I/O:

None

Rear I/O:

2 x USB 3.2 Gen 1

1 x IPMI (RJ-45)

2 x Gigabit LAN (RJ-45)

1 x VGA

Optical Drive:

Rackmount Option: Yes

Notes:

Highest available CPU core count and associated clock speeds shown. Other processors with different core counts and frequencies may be available.

Shipping weights vary by configuration.

Product comes with four nodes. All specs—excluding dimensions, weight, and power supply—are per node.

Rackmount hardware included.

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