APEXX W3

The APEXX W3 is a highly versatile platform ideal for Deep Learning development, rendering and simulation. The system is optimized for GPU centric workflows. With just a single high-performance Intel® Xeon® W processor (not two) capable of supporting four professional GPUs, the highly compact APEXX W3 maximizes productivity and ROI.

Key Features

• Single Intel® Xeon® processor with up to 26 cores (52 threads)

• Up to 1024GB of Memory

• Up to two full size, dual slot GPUs

• Ideal for local GPU accelerated compute workflows or multi-display applications

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 W790

Socket: Single (4677)

CPU Cooling: Liquid-Cooled (closed loop)

Processor: Intel Xeon W

Cores Frequency (GHz): 2.8 Base clock / 4.8 Boost clock

Cores/Threads: 26/52

Multi-Threading: Yes

Max Configurable Memory: 1TB

DIMM Slots: 8

Physical PCIe Slots:

x16, NA. x16(x8), x16, x16(x8), x16 (x4), x16(x8)

PCIe Lanes per GPU:

Up to 2 GPUs at x16

M.2 Drives: 4 up to 2TB each

U.2 Support: Yes

RAID Support: 0,1

OCuLink Support: No

Max 2.5" / 3.5" Configurations: 2 x 3.5" | or | 1 x 3.5" + 2 x 2.5" | or | 4 x 2.5"

Onboard Wi-Fi: 802.11ax (Wi-Fi 6E)

Onboard Bluetooth: V5.3

Power Supply: 1,300-watt (80 PLUS Gold)

GPU Power Budget (W): 1000

Chassis Dimensions:

6.84" (17.37cm) W

15.28" (38.81cm) H

17.80" (45.21cm) D

Front I/O:

2 x USB 3.2 Gen 1 (Type-A)

1 x USB 3.2 Gen 2x2 (Type-C)

Audio Out/Mic In

Rear I/O:

2 x 10GbE LAN (RJ-45)

1 x 2.5GbE LAN (RJ-45)

4 x USB 3.2 Gen 1 (Type-A)

2 x USB 3.2 Gen 2 (Type-A)

2 x USB 4.0 / Thunderbolt 4.0 (Type-C)

1 x Optical S/PDIF out

7.1-Channel Audio

2 Ports

Optical Drive: No

Rackmount Option: No

Notes:

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

GPU power budgets are conservative estimates. Shipping weights vary by configuration.

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