



APEXX W4

APEXX W4 is a highly versatile platform ideal for AI training, inference, data analytics, and other GPU-accelerated compute applications. Equipped with a high-performance Intel® Xeon® W processor capable of supporting four professional GPUs, APEXX W4 maximizes productivity and ROI.



Key Features

- Single Intel® Xeon® W processor with up to 56 cores (112 threads)
- 112 lanes of Gen 5 PCIe. Incredible capability to support multiple high bandwidth devices like GPUs, High Speed NICs, High speed NVMe storage devices.
- 8 channels of DDR5 memory. High bandwidth and high capacity system memory for demanding workloads.
- Up to 1024GB of Memory
- Up to four full size, dual slot NVIDIA RTX™ 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): 3.1 Base clock / 4.8 Boost clock

Cores/Threads: 56/112

Multi-Threading: Yes

Max Configurable Memory: 1TB

DIMM Slots: 8

Physical PCIe Slots:

x16, x16, x16, x16, x16, x16(x8), x16

PCIe Lanes per GPU: Up to 4 GPUs at x16

M.2 Drives: 3 up to 2TB each

U.2 Support: Yes

Raid Support: 0,1,5,10

OCuLink Support: No

Max 2.5"/3.5" Configurations: 4 x 3.5" | or | 8 x 2.5"

Onboard Wi-Fi: N/A

Onboard Bluetooth: N/A

Power Supply: 1,600-watt (80 PLUS Gold)

GPU Power Budget (W): 1000

Chassis Dimensions:

6.85" (17.40cm) W

18.0" (45.72cm) H

20.2" (51.31cm) D

Front I/O:

2 x USB 3.2 Gen 1

Audio Out/Mic In

Rear I/O:

2 x 10GbE LAN (RJ-45)

4 x USB 3.2 Gen 2 (Type-A)

1 x USB 3.2 Gen 2 (Type-C)

1 x Optical S/PDIF out

7.1-Channel Audio

4 x USB 3.2 Gen 1 (Type-A)

2 x USB 2.0 (Type-A)

Optical Drive: No

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.

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

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