# APEXX W3

APEXX W3 is a highly versatile platform ideal for deep learning development, rendering, and simulation. Equipped with a high-performance Intel® Xeon® W processor capable of supporting two professional GPUs, the compact APEXX W3 is optimized for AI training, inference, data analytics, and other GPU centric workflows, while maximizing productivity and ROI.

**PyTorch**     **TensorFlow**

intel XEON     NVIDIA RTX

## Key Features

- Single Intel® Xeon® W processor with up to 24 cores (48 threads)
- 64 lanes of Gen 5 PCIe.  Incredible capability to support multiple high bandwidth devices like GPUs, High Speed NICs, High speed NVMe storage devices.
- 4 channels of DDR5 memory.  High bandwidth and high capacity system memory for demanding workloads.
- Up to 1024GB of Memory
- Up to two 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):** 2.5 Base clock / 4.8 Boost clock

**Cores/Threads:** 24/48

**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:** N/A

**Onboard Bluetooth:** N/A

**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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## BOXX

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