



The Vortex MT 5480 Workstation delivers a workload-optimized platform with the power, performance, and security professionals require in order to accelerate their productivity

A Versatile And Feature Rich Entry Level Workstation

By harnessing the power of Intel's® Xeon E3-1200 v6/v5 Series processors, the Vortex MT 5480 delivers solid performance and visuals to support the needs of businesses worldwide. It features dual Gigabit Ethernet LAN, up to 64GB DDR4 memory, and quad PCIe3.0 x16 slots for flexible extended add-on cards. Additionally, MT 5480's dual M.2 sockets provide the flexibility to enable top-flight performance or data redundancy on SATA mode. In performance-maximizing RAID 0 configurations, the MT 5480 writes up to 40% faster than a single-drive M.2 setup and an astonishing 84% quicker for read operations. Or, for total reassurance, deploy the M.2 devices into a RAID 1 configuration for instant data redundancy.

Optimized Integrated Graphics Power With Plenty Of Room For Expansion

The Vortex MT 5480's integrated Intel HD Graphics delivers superb video quality for sharper images, richer color, and life-like video (without the extra expense of add-in video cards or decoders), and easily handles software such as Autodesk AutoCAD, Autodesk Maya, and Adobe After Effects CC, etc. It also supports Intel's iGPU integrated graphics and AMD Quad-GPU CrossFireX™ Technology.

The 5480 also gives users the ability to connect and drive three independent displays simultaneously (via Display-Port, HDMI, and DVI-I connectors) – great for multitasking, and even better for productivity.

Vortex MT 5480 Workstation

Processor

- Supports Intel LGA 1151 H3 single socket processor:
 - Intel Xeon E3-1200 v6/v5 processors
 - Intel 7th/6th Gen Core i7/i5/i3 processors
 - Intel Pentium and Celeron processors

Chipset

- Intel C236 Express Chipset

System Memory

- 4x DIMM DDR4 2133 MHz Non-ECC, un-buffered memory
 - Max. memory 64GB

Integrated Video

- Integrated Intel® HD Graphics
 - Supports Intel InTru™ 3D and Insider™
 - Supports Intel Quick Sync Video and Clear Video HD Technology
 - Maximum shared memory of 512 MB
- Multi-VGA output support: VGA/HDMI/DVI-D/DisplayPort ports
 - Supports VGA with max. resolution 1920x1200 @60Hz
 - Supports HDMI with max. resolution 4096x2160 @60Hz/4096x2160 @24Hz
 - Supports DVI-D with max. resolution 1920x1200 @60Hz
 - Supports DisplayPort with max. resolution 4096x2304 @60Hz
- Supports AMD Quad-GPU CrossFireX™ Technology

Integrated Audio

- Integrated REALTEK® ALC1150 8-channel (7.1) Hi-Def Audio
 - Supports jack-detection, front panel jack-retasking

Integrated I/O

- Front panel connectors:
 - 2x USB 3.0 ports, 2x USB 2.0 ports, headphone & microphone-in
- Back panel connectors:
 - 2x RJ-45 ports, 1x VGA Port, 1x HDMI port, 1x DVI-D port, 1x DisplayPort, 6x audio jacks (line-in, mic-in, front speaker line out, rear speaker line out, mid speaker line out, center speaker/subwoofer line out), 1x USB 3.1 port, 1x USB 3.1 type-C port, 4x USB 3.0 ports, and 1x SPDIF out header

Integrated SATA/RAID

- 8 x SATA 6Gb/s ports, supports Raid 0, 1, 5, 10
- 2x M.2 sockets 3*3
 - Supports M Key type 2242/2260/2280/22110 storage devices
 - Can be used in both SATA & PCIE mode
- Supports Intel Rapid Storage Technology Enterprise

Integrated Gigabit

- Dual Intel i210 Gigabit Ethernet (10/100/1000 Mbit) LAN Controllers
 - Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
 - Support Teaming Technology

Expansion Slots

- 1x PCIe 3.0/2.0 x16 (x16/x8) slot
- 1x PCIe 3.0/2.0 x16 (x8 mode) slot
- 1x PCIe 3.0/2.0 x16 (x4 mode) slot
- 1x PCIe 3.0/2.0 x16 (x4 mode) slot

Security

- Optional TPM 2.0 module

Drive Bays

- External: 4x 5.25" bays and 1x 3.5" bay
- Internal: 5x 3.5"/2.5" HDD bays

Dimensions (H x W x D)

- 16.9" x 7.9" x 18.3"
- 429.26mm x 200.66mm x 464.82mm

Power Supply

- Input voltage: 100-240 VAC
- Input frequency: 50/60 Hz
- Min. output: 550W 80 PLUS
- Form factor: ATX
- Power factor correction: Active PFC
- Efficiency: >90% at normal input voltage

Certifications

- EMI/RFI: FCC Declaration of Conformity (DoC)
- Other: NIST 800-147 Complaint BIOS

Fans

- 1x 120mm rear



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