

Tx100

Provides performance and versatility to address your most demanding applications

Exatron Tx100 Workstation are designed for professionals in AI training, deep learning, animation, 3D rendering or media production. Featuring expandable graphics, extensive storage, impressive connectivity and exceptional overall performance and reliability, Exatron Workstation are the ideal solution for creative professionals.

Exatron Tx100

- **Modern Intel CPU Support**
- **Flexible Memory Options**
- **High-Speed Storage & Graphics**
- **Excellent Connectivity**

Ideal for

- **Corporate Desktops / Business Workstations**
- **Specialized Industrial PC**
- **High-Performance or Small Servers**

Multiple Storage Interface

3 x NVMe M.2 and 8 x SATA

Plentiful NVMe and SATA Storage interface can fulfill your hot and cold data processing requirement at once.

High Performance

Supports up to 2 x Dual-slot Accelerators

Intel® Xeon® W-2500/2400 with up to 64 PCIe 5.0 lanes for multi-GPU support gives creators more configuration flexibility to equip the variety combination of hardware accelerators.

Intel W790 Chipset

Compute heavy workloads rely on the best and latest CPU technology to deliver excellent performance while the new Xeon line of processors with Intel spans from high-end to more affordable chips. Intel's new workstation processors bring many important technological advancements that greatly benefit a wide range of disciplines from Engineering to Data Science to Media & Entertainment. Couple that with higher CPU performance across all workloads, these new Xeon workstation CPUs can also crunch memory intensive workloads faster with DDR5 memory and AI/DL workloads have more floating-point formats to choose from.



High-Speed DDR5 Performance

Tx100 offers four DDR5 memory slots with ECC/Non-ECC support, enabling up to 256GB of system memory for intensive AI and workstation applications.

Feature	Technical Specifications
Chipset	Intel® W790 Chipset
CPU SUPPORT	- Intel® Xeon® W-3500/3400 Processors - Intel® Xeon® W-2500/2400 Processors - Single processor, TDP up to 385W
MEMORY	4-channel DDR5 memory, 8 x DIMM slots - RDIMM up to 64GB; 3DS RDIMM up to 256GB supported - Memory speed: Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) (The CPU and memory configuration may affect the supported memory types, data rate (speed), and number of DRAM modules, please refer to "Memory Support")
LAN	2 x 2.5Gb/s LAN ports (2 x Intel® I226-LM) 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Audio	- Realtek® ALC897 HD Audio Codec - Supports 2/4/5.1/7.1 channel configurations 3 x Audio jacks (Audio in/Audio out/Mic)
Storage Interface	8 x SATA 6Gb/s ports 3 x M.2 slots: M-key, PCIe Gen4 x4. - support 2280 cards
RAID	Intel® SATA RAID 0/1/10/5
Expansion Slots	4 x PCIe x16 (Gen5 x16) slots 1 x PCIe x16 (Gen3 x4) slot 1 x M.2 slot for Wi-Fi: E-key, PCIe Gen3 x1, supports 2230 cards
Rear I/O	1 x VGA 1 x COM 2 x RJ45 1 x MLAN, 3 x Audio jacks 5 x USB 3.2 Gen2x1 (Type-A) 1 x USB 3.2 Gen2x2 (Type-C)

TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Board Management	• ASPEED® AST2600 management controller • Management Console (AMI MegaRAC SP-X)
Internal I/O	• 1 x CPU fan header, • 4 x System fan headers, • 1 x USB 3.2 Gen1 header, • 1 x Front audio header, • 1 x PMBus connector, • 1 x Clear CMOS jumper, • 8 x SATA connectors, • 1 x Front panel header, • 1 x Backplane board header, • 1 x TPM header, • 1 x VROC header
OS Compatibility	• CentOS Stream 9, • Debian 11.5.0, • Red Hat Enterprise Linux 9.0, • Ubuntu 22.04 LTS, • Windows 11 Enterprise (x64)

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