FusionXtation ™

X3 8000 Gen2 Workstation



Professional-Grade Performance with Dual-GPU x BMC Dsign

Built for Graphics, Edge and Inference

XFUSION INTERNATIONAL PTE. LTD.

HIGHLIGHTS

#Workstation



New-Gen Entry Workstation

32L Tower, Single-CPU Dual-GPU

Intel® Core ™ Ultra 2 Processors

Sustained Turbo Performance

Ultimate Performance

- Intel Core Ultra 2 Processors, 230W Max Sustained Turbo Boost
- Professional GPUs: Single 600W / Dual 300W Per Card

Versatile Connectivity

- PCIe 5.0 ×16 Slot with doubled bandwidth, compatible with mainstream GPUs
- 40Gbps Type-C multi-protocol port for high-speed transmission, video output and PD
- 2×2.5GE & 11×USB 3.2 ports for multi-device collaboration
- DP/HDMI rich video interfaces for AI terminal & display access

Professional AI Computing

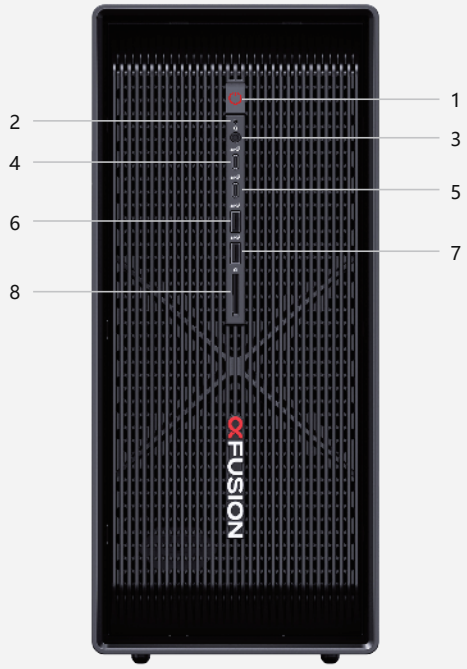
- Up to 144GB GPU memory for smooth 200B LLM local inference
- PCIe 5.0 dual-GPU support, backward compatible with PCIe 4.0

Stability & Reliability

- Zoned independent airflow design for precise thermal control under high load
- DDR5 ECC memory for error correction and system stability
- Built-in TPM chip for hardware and data security
- Up to 1200W 80 PLUS Platinum PSU for steady power and lower TCO
- Advanced BMC for real-time monitoring, fault warning and remote management

Flexible Scalability

- 4×PCIe + 8×Drive + 4×DIMM slots for GPU, network, memory and storage expansion
- Flexible on-demand upgrades to meet 3–5 year enterprise performance demands



1 Power button and indicator
Notes:
- Steady red: The device is powered on.
- Off: The device is in sleep mode or powered off.

2 Drive indicator
Notes:
- Blinking green: Data is being read or written properly.
- Off: The device is in sleep mode or powered off.

3 Universal 3.5 mm combo audio port

4 USB Type-C 3.2 Gen 2 X 1 10Gbps port

5 USB Type-C 3.2 Gen 2 X 1 10Gbps port

6 USB Type-A 3.2 Gen 1 X 1 5Gbps port

7 USB Type-A 3.2 Gen 1 X 1 5Gbps port

8 SD card slot

1 VGA port

2 HDMI 2.0 output port

3 USB 3.2 Gen 2 x 2 40Gbps 3A5V Type-C

4 USB 3.2 Gen 1 x 1 10Gbps 1A Type-A

5 USB Type-C 3.2 Gen 2 x 1 10Gbps port

6 USB Type-A 3.2 Gen 2 x 1 10Gbps port

7 USB 3.2 Gen 2 X 1 10Gbps 1A Type-A

8 USB 3.2 Gen 2 X 1 10Gbps 1A Type-A

9 Microphone input

10 Audio output

11 Audio input

12 ATX power supply (AC input)

13 HYBRID MOOE button
- When the button is popped up: Fans stop spinning under low-to-medium load.
- When the button is pressed down: Fans spin continuously.
- Some models may not be equipped with a HYBRID MOOE button depending on the power supply model. Perform the operation according to the actual situation.

14 Power switch
- Enabled: The straight line "|" indicates that the circuit is connected.
- Disabled: The circle "O" indicates that the circuit is disconnected.
- Some models may not be equipped with a power switch depending on the power supply model. Perform the operation according to the actual situation.

15 Power plug

16 PCIe slot

17 RJ45 IPMI dedicated management port
- The BMC management network port is supported only when the BMC function is configured.

18 LAN3 1GE RJ45 port

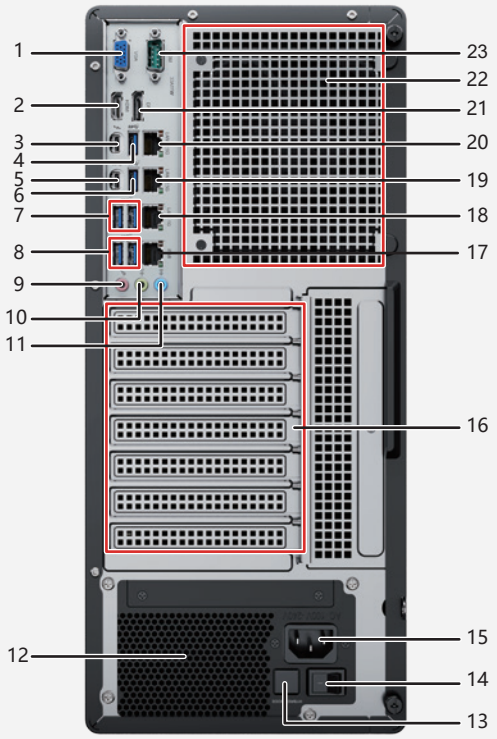
19 LAN2 2.5GE RJ45 port

20 LAN1 2.5GE RJ45 port

22 Cooling fan

21 DP1.4 PORT output port

23 COM port



Form Factor	Tower,32L
Chipset	Intel® W880
Processors	Intel® Core™ Ultra 5 Processor 225 (22 MB cache, 10 cores, 10 threads, up to 4.9 GHz, 65 W) Intel® Core™ Ultra 5 Processor 235 (26 MB cache, 14 cores, 14 threads, up to 5.0 GHz, 65 W) Intel® Core™ Ultra 5 Processor 245 (26 MB cache, 14 cores, 14 threads, up to 5.1 GHz, 65 W) Intel® Core™ Ultra 5 Processor 245K (26 MB cache, 14 cores, 14 threads, up to 5.2 GHz, 125 W) Intel® Core™ Ultra 5 Processor 250K Plus (30 MB cache, 18 cores, 18 threads, up to 5.3 GHz, 125 W) Intel® Core™ Ultra 7 Processor 265 (36 MB cache, 20 cores, 20 threads, up to 5.3 GHz, 65 W) Intel® Core™ Ultra 7 Processor 265K (36 MB cache, 20 cores, 20 threads, up to 5.5 GHz, 125 W) Intel® Core™ Ultra 9 Processor 270K Plus (40 MB cache, 24 cores, 24 threads, up to 5.5 GHz, 125 W) Intel® Core™ Ultra 9 Processor 285 (40 MB cache, 24 cores, 24 threads, up to 5.6 GHz, 65 W) Intel® Core™ Ultra 9 Processor 285K (40 MB cache, 24 cores, 24 threads, up to 5.7 GHz, 125 W)
BMC	Remote management, hardware monitoring, and out-of-band management
Memory	Up to 256 GB (4 x 64 GB) DDR5 CUDIMM/UDIMM memory, supporting both ECC and non-ECC 16 GB: 1R x 8 DDR5, 5600 MT/s, non-ECC 32 GB: 2R x 8 DDR5, 5600 MT/s, non-ECC 64 GB: 2R x 8 DDR5, 6400 MT/s, non-ECC 32 GB: 2R x 8 DDR5, 5600 MT/s, ECC
Drives	Up to 4 x 3.5" + 2 x 2.5" SATA HDDs/SSDs 2 TB, 3.5", 5400 RPM, SATA, HDD 4 TB, 3.5", 7200 RPM, enterprise HDD 12 TB, 3.5", 7200 RPM, enterprise HDD Up to 2 x NVME M.2 SSDs (PCIe 4.0 x4 supported) 256 GB, M.2 2280, PCIe NVMe Gen4 x 4, SSD 512 GB, M.2 2280, PCIe NVMe Gen4 x 4, SSD 1 TB, M.2 2280, PCIe NVMe Gen4 x 4, SSD
PCIe Expansion Slots	1 x PCIe 5.0 x (auto-switching to PCIe 5.0 x 8) 1 x PCIe 4.0 x 16 (auto-switching to PCIe 4.0 x 8 if the first slot runs at x 16) 1 x PCIe 5.0 x 4 1 x PCIe 4.0 x 16 (x 4 slot)
PSUs	360 W internal PSU (80 PLUS Gold certified) 600 W internal PSU (80 PLUS Platinum certified) 750 W internal PSU (80 PLUS Platinum certified) 1250 W internal PSU (80 PLUS Platinum certified
Security	TPM (optional)

Ports	Front panel: 2 x USB 3.2 Gen 2 (10 Gbit/s) Type-C ports 2 x USB 3.2 Gen 1 (5 Gbit/s) ports 1 x universal audio port 1 x Front 3-in-1 Media Card Reader (USB 2.0) Rear panel: 1 x Thunderbolt port 1 x USB 3.2 Gen 2 (10 Gbit/s) Type-C port 5 x USB 3.2 Gen 2 (10 Gbit/s) ports 1 x USB 3.2 Gen 1 (5 Gbit/s) port 1 x DisplayPort 1.4 port 1 x HDMI 2.0 port 1 x VGA port 1 x COM port 1 x RJ45 (1GE) 1 x RJ45 (1GE) IPMI dedicated management port (optional for BMC version) 2 x RJ45 (2.5GE) ports, supporting network wake-up 1 x audio input port (3.5 mm; 0.14 in.) 1 x audio output port (3.5 mm; 0.14 in.) 1 x microphone input port (3.5 mm; 0.14 in.)
Dimensions (D x W x H)	435 mm x 182 mm x 419 mm (17.13 in. x 7.17 in. x 16.50 in.)
Recommended Accessories	**Displays** • F2426H(23.8in/1080P/100Hz) • F2726Q(27in/2K/100Hz) • F2726U(27in/4K/60Hz)
Services	**3-years Warranty** *Enable upgrade to 5 years of premium maintenance service. 24x7 Remote Technical Support **24x7 Remote Technical Support** **Defective Material Retention Service** * Note: Services marked with an asterisk (*) are available for an additional fee

Supports NVIDIA Professional GPUs

Fully compatible with leading professional design and engineering software

Professional ISV applications place stringent requirements on GPU compatibility, operating systems, and overall workstation performance. The xFusion FusionXtation™ X3 series has been validated for compatibility with NVIDIA professional GPUs, delivering a stable and efficient environment for your professional applications.

Architecture Mechanical & Engineering

- Autodesk AutoCAD
- Autodesk Revit
- Autodesk Inventor
- Siemens NX
- Dassault Systemes Catia
- Dassault Systemes SOLIDWORKS
- ANSYS Mechanical
- ANSYS Fluent

Media & Entertainment

- Adobe Premiere Pro
- Adobe After Effects
- Autodesk 3ds Max
- Autodesk Maya
- Avid Media Composer

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www.xfusion.com/e

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