



FEATURES



Intel 14th Gen Processors

Featuring the latest 14th generation Intel® Core™ i9 processor, capable of reaching frequencies of up to 6GHz.



GeForce RTX™ 40 series GPUs (AI accelerator)

Built with MSI GeForce RTX™ Graphics Cards, offering up to 4 times gaming performance and 1.8 times AI performance.



Frozr AI Cooling

Improving cooling efficiency using AI-driven algorithmic techniques.



Silent Storm Cooling 3

Exclusive, silent and powerful cooling system that embraces several separated chambers for component cooling.



Glacier Armor

Installing heatsinks on the memory and VRM to enhance thermal efficiency.



HMI 2.0

With the HMI2.0 design, it'll be easier for users to understand the system information. Through the this design, users can easily tweak performance settings or control monitor setting.

SPECIFICATIONS

Operating System	Windows 11 Pro Windows 11 Home
CPU	Intel® Core™ i9 processor 14900KF Intel® Core™ i7 processor 14700KF
Chipset	Intel® Z790
Storage	1x M.2 SSD (NVMe PCIe Gen5 x4) 1x M.2 SSD (NVMe PCIe Gen4 x4) 1x M.2 SSD combo (NVMe PCIe Gen4 x4 / SATA Auto switch) 2x 2.5" Drive Bays 2x 3.5" Drive Bays
Memory	4x DDR5 up to 4400MHz, U-DIMMs, up to 128GB *4400MHz (with 1 Dimms per channel) *4000MHz (with 2 Dimms per channel and 1R memory) *3600MHz (with 2 Dimms per channel and 2R memory) *The system speed follows the Intel POR (Plan of Record) design. Actual specifications will vary depending on the model.
Graphics	Up to MSI GeForce RTX™ 4090 VENTUS 3X E 24G GDDR6X
Sound	7.1 Channel HD Audio with Nahimic 3 audio enhancer (ALC897)
I/O (Rear)	1x USB 3.2 Gen 2x2 Type C 3x USB 3.2 Gen 2 Type A 4x USB 3.2 Gen 1 Type A 2x USB 2.0 Type A 1x HDMI™ (supports 4K @60Hz as specified in HDMI 2.1)* 2x RJ45 (2.5G + 1G LAN) 1x PS/2 5x Audio Jack 1x S/PDIF 1x Kensington Lock *Tips: The display function is only available on non F series processors.
I/O(Top)	1x USB 3.2 Gen 2 Type C (Supports PD 15W) 2x USB 3.2 Gen 1 Type A 1x Mic in / 1 x Headphone out
Expansion Slots	1x PCIe 5.0 x16 (Signal design is x8) 2x PCIe 4.0 x16 (Signal design is x4_x1)
Wireless LAN	Intel® Wi-Fi 7 BE200* * Wi-Fi 7 MLO(Multi-link Operation) full functions support will be ready in Windows 11 2024 Platform (Windows 11 24H2) or later.
Bluetooth	5.4
LAN	Intel® I225V / I226V (2.5G) Intel® I219V (1G)

CONNECTIONS



- | | |
|--|---|
| 1. 2 x USB 3.2 Gen 1 Type A | 2. 1 x Mic in / 1 x Headphone out |
| 3. 1 x USB 3.2 Gen 2 Type C (Support PD 15W) | 4. 2 x HDMI™ (Supports 8K@60Hz HDR as specified in HDMI™ 2.1a) port / 2x DisplayPort (1.4a) |
| 5. 5 x Audio Jack / 1 x S/PDIF | 6. 1 x RJ45(2.5G) / 1 x USB 3.2 Gen 2 Type A / 1 x USB 3.2 Gen 2x2 Type C |
| 7. 1 x RJ45(1G) / 2 x USB 3.2 Gen 1 Type A | 8. 2 x USB 3.2 Gen 2 Type A / 2 x USB 3.2 Gen 1 Type A |
| 9. 1 x HDMI™ 2.1 with HDR port support 4K@60Hz | 10. 1 x PS/2 / 2 x USB 2.0 Type A |
| 11. 1 x Kensington Lock | |



DESKTOPS

MEG Trident X2 14th



AC ADAPTER / PSU	1000W 80 Plus Gold Certified PSU (ATX 3.0) *This specification is only on the SKU of RTX 4090. 850W 80 Plus Gold Certified PSU (ATX)
Cooling System	MSI AIO Liquid Cooling (240mm)
Volume	26 Liters
Dimension (WxDxH)	487.15x 222.63 x 453.84mm
Weight (N.W. / G.W.)	14.06Kg / 17.22Kg; 32.19lbs/ 37.96lb
Accessories	1x Manual (optional) 1x Quick guide 1x Warranty card (optional) 1x Power cord
Software	Drivers & MSI Utilities Norton 360 for Gamers (60 days trial) Xbox Game pass (30 days trial) Voicemod (30 days trial) Dropbox (90 days trial) Adobe Creative Cloud (1 month trial) *Bundled software may vary by region, please refer to the event page for details.