

PATH TO THE FUTURE

MSI's new flagship model for avid gamers, the MEG Trident X2 AI gaming desktop, features an exclusive HMI 2.0 function. In addition to monitoring system status and adjusting performance, it can even control the GI function of MSI gaming monitors. The MEG Trident X2 is powered by the high-end 14th-gen Intel Core i9 processor and RTX 4090 graphics card (AI accelerator). Thanks to the unique Frozr AI cooling and Air Baffle design of Silent Storm Cooling 3, coupled with a 240mm liquid cooler, both temperature and noise levels can be maintained at an optimum level to provide gamers with the best experience.



Picture and logos

SELLING POINTS

- Windows 11 Pro
- Up to Intel® Core™ i9 processor 14900KF.
- Up to MSI GeForce RTX™ 4090 graphics card, revolutionize your creative process with RTX and AI.
- AI Gaming Desktop - AI-driven enhancements in cooling, gaming, and game streaming.
- HMI 2.0 - Quickly and intuitively harness this gaming beast.
- Silent Storm Cooling 3 - Optimize airflow with outstanding cooling design.
- 240mm AIO Liquid Cooling - Efficiently dissipates heat from CPUs.
- Air Baffle design - Concentrates the cold air to help graphics cards absorb the cold air to enhance heat dissipation.
- Supports DDR5 memory with heatsink.
- Supports VRM with heatsink.
- Ambient Link support for the most immersive gaming experience.
- Supports M.2 PCIe 5.0 slot.
- PCIe Gen 5 bandwidth support, improved workloads and render capabilities for enhanced gaming experience.
- 2.5G + 1G Dual LAN & WiFi 7 technology - Gaming experience with no delay.
- NVIDIA Studio-validated for creators; preinstalled with Studio Drivers and exclusive tools.



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



SPECIFICATION

Operating Systems	Operating Systems	Windows 11 Pro
Model	Part No	9S6-B92221-454
	MKT Name	MEG Trident X2 14NUI9
	MKT Spec	MEG Trident X2 14NUI9-290AU
	Color	ID1/Black-Black-Black
Chipset	Chipsets	Z790
Memory	Memory Size	128GB(32GB*4)
	Memory Type	DDR5 SDRAM
	Module Type	U-DIMM
	Memory Slot (Total/Free)	4/0
	Max Capacity	Max 128GB
Processor	CPU Number	Intel Core i9 Processor 14900KF
	CPU Clock	3.2GHz
	CPU Cores	24
	TDP	125W
	Cache	36 MB Intel® Smart Cache
	Threads	32
Discrete Graphics	VGA I/O Port	HDMIx2, Display Portx2
	VGA MKT Name	GeForce RTX 4090 VENTUS 3X E 24G OC
	GPU1 VRAM Size	24G
Audio	Audio Chipset	Realtek ALC897
	Audio Type	7.1 Channel HD Audio
Storage	SSD Size	2TB
	HDD1 Size	2TB*2
	SSD Config	1TB*2
	SSD Interface	PCIe GEN4x4 NVMe
	SSD Form Factor	M.2-2280 M-KEY
	M.2 slots (Total/Free)	3/1
	HDD1 RPM	7200RPM
	HDD1 Form Factor	3.5 inch
	HDD1 Interface	SATA GEN3
	3.5" Drive Bays (Total/Free)	2/0
	2.5" Drive Bays (Total/Free)	2/2
	ODD(Type)	N/A
	ODD Height	N/A
	ODD Type	N/A
Communications	LAN	1x Intel I225-V+1x Intel I219-V
	WLAN Version	Wi-Fi 7+BT
	BT Version	5.4
I/O Ports (Front)	USB 3.2 Gen 1 Type A	2
	USB 3.2 Gen 2 Type C	1
	Audio Mic-in	1
	Audio Headphone-out	1
I/O Ports (Rear)	USB 3.2 Gen 2x2 Type C (R)	1
	USB 3.2 Gen 2 Type A (R)	3
	USB 3.2 Gen 1 Type A (R)	4
	USB 2.0 Type A (R)	2
	RJ45	2
	HDMI out	1x (v2.1)
	PS/2	1
	Audio jack	5
	S/PDIF	1
Warranty	Warranty	36months



DESKTOP

MEG Trident X2 14th

MEG TRIDENT X2 14NUI9-290AU

Dimension & Weight	Product Dimension (WxDxH) (mm)	487.15 x 222.63 x 453.84
	Product Dimension (WxDxH) (inch)	19.18 x 8.76 x 17.87
	Inside Carton Dimension (WxDxH) (mm)	N/A
	Inside Carton Dimension (WxDxH) (inch)	N/A
	Outer Carton Dimension Standard (WxDxH) (mm)	N/A
	Outer Carton Dimension Standard (WxDxH) (inch)	N/A
	Weight (Net kg)	14.06
	Net Weight (lbs)	31.
	Weight (Gross kg)	17.22
	Gross Weight (lbs)	37.96
	Liter	26
	Pint	54.95
Power	Power	1000W
	Power Certification	80plus Gold
	Formfactor	ATX
	Type	POWER SUPPLY
Regulatory Compliance	Operating, Storage Temperature	0° C ~ 35° C ; -20° C ~ 60° C
	Operating, Storage Humidity	0% ~ 85%;0% ~ 90%
	Regulatory Compliance	FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI
In The Box	Keyboard Interface	USB
	Mouse Interface	USB
	Power Cord	1
	AC Adaptor	N/A
	Warranty Card	N/A
	Quick Guide	2
	User Manual	N/A
	VESA Mount kit	N/A
	Keyboard	Vigor GK30 US
	Mouse	CLUTCH GM11
Barcode Info	EAN	4711377163712
	UPC	824142345092
	UCC14	10824142345099