准 系 统

MAG Codex X5 12th

MAG CODEX X5 12TE-1221CN

Rule your gaming empire with minimalist style

MAG Codex X5 series gaming desktop is designed for entry gamers, features Intel processor and the latest NVIDIA RTX series graphics card, providing the best gaming experience. Exclusive thermal solution with the best air cooling, promise the longer system performance, RGB lighting effect design with tempered glass, show off your personally gaming style, MSI MAG Codex 5 series will lead the players to conquer the wonderful battles.



Selling Points

- Windows 11 家庭版
- 最高支持Intel Core i9-12900K处理器
- 最高支持MSI GeForce® RTX 3090显卡
- 支持DDR5内存
- 支持PCI-E 5.0
- 优化风道设计
- 两种侧板，可根据您的喜好选择
- 支持Mystic Light 炫光系统
- 简易升级设计
- 高速M.2固态硬盘
- USB 3.2 Gen 2x2 Type-C接口



Picture and logos

System I/O-Ports



1. 1x Headphones / 1x Microphone
2. 1x USB 3.2 Gen 1 Type C / 2x USB 3.2 Gen 1 Type A
3. Flash BIOS button
4. 2x USB 2.0 Type A / 1x PS/2 Combo port
5. 1x HDMI out / 1x Display Port out
6. 2x USB 3.2 Gen 1 Type A / 2x USB 2.0 Type A
7. 1x USB 3.2 Gen 2x2 Type C / 1x USB 3.2 Gen 2 Type A / RJ45 (2.5G LAN)
8. 2x WiFi Antenna
9. 6x Audio jacks

"2022-08-30 - Changes to the product specifications and errors excepted. The product presentation may differ from the product. Microsoft, Windows, the Windows logo, and DirectX are trademarks or registered trademarks of Microsoft Corporation in the United States and / or other countries. Intel, the Intel logo, Intel Inside, the Intel Inside logo, Intel Core and Core Inside are trademarks of Intel Corporation in the US and other countries. Other trademarks and trade names refer to the respective owners or their products."

准 系 统

MAG Codex X5 12th

MAG CODEX X5 12TE-1221CN

Specification

Processor	CPU model	Intel Core i7-12700KF
	CPU Clock	3.6GHz
	CPU Cores	12
	CPU TDP	125W
	CPU Cache	25 MB Intel® Smart Cache
	CPU Threads	20
	CPU Cooling	Liquid cooling 150W
Chipset	Motherboard Chipset	Z690
Discrete Graphics	VGA I/O Port	HDMIx1, Display Portx3
	Graphics Card	GeForce RTX 3080 VENTUS 3X 10G OC LHR
	Graphics Card VRAM	10G
Memory	Memory Capacity	32GB(16GB*2)
	Memory Type	DDR5 SDRAM
	Memory Speed	2400(4800)MHz
	Memory Module Form Factor	U-DIMM
	Memory Slot (Total/Free)	4/2
	Memory Max Capacity	Max 128GB
Storage	Total SSD Storage Capacity	1TB
	Total HDD Storage Capacity	2TB*1
	M.2 Slot (1) Installed SSD	1TB*1
	M.2 Slot (1) Interface	PCIe GEN4x4 NVMe
	M.2 Slot (1) Form Factor	M.2-2280 M-KEY
	M.2 slots (Total/Free)	4/3
	HDD (1) RPM	7200RPM
	HDD (1) Form Factor	3.5 inch
	HDD (1) Interface	SATA GEN3
	3.5" Drive Bays (Total/Free)	2/1
	2.5" Drive Bays (Total/Free)	2/2
	ODD(Type)	N/A
	ODD Height	N/A
	ODD Type	N/A
Communications	LAN Controller	Intel I225-V
	Wireless LAN Controller	INTEL/AX211.NGWG.NV
	Wireless LAN standard	Wi-Fi 6E+BT
	Bluetooth Version	5.2
Audio	Audio Codec	Realtek ALC897
	Audio Support	7.1 Channel HD Audio
I/O Ports (Front)	Thunderbolt	N/A
	USB 5Gbps (USB 3.2 Gen 1 Type-A)	2
	USB 5Gbps (USB 3.2 Gen 1 Type-C)	1
	Audio Mic-In (Front)	1
	Audio-Out (Front)	1
I/O Ports (Rear)	USB 20Gbps (USB 3.2 Gen 2x2 Type-C)	1
	USB 20Gbps (USB 3.2 Gen 2x2 Type-A)	1
	USB 5Gbps (USB 3.2 Gen 1 Type-A)	2
	USB 480Mbps (USB 2.0 Type A)	4
	LAN Ports (RJ45)	1
	WiFi Antenna	N/A
	HDMI™	1x (v2.0)
	DP out	1x (v1.4)
	PS/2	1
	Audio Jack Total (Rear)	6
	Flash BIOS Button	1
Power	Rated Wattage	750W
	Efficiency Rating	80PLUS GOLD
	Form factor	ATX
	Power Supply Type	POWER SUPPLY
Barcode Info	EAN	4719072950095

"2022-08-30 - Changes to the product specifications and errors excepted. The product presentation may differ from the product. Microsoft, Windows, the Windows logo, and DirectX are trademarks or registered trademarks of Microsoft Corporation in the United States and / or other countries. Intel, the Intel logo, Intel Inside, the Intel Inside logo, Intel Core and Core Inside are trademarks of Intel Corporation in the US and other countries. Other trademarks and trade names refer to the respective owners or their products."