SOBREMESA

MAG Codex X5 12th

MAG CODEX X5 12TE-846IB

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
- Up to Intel Core i9-12900K processor
- Up to MSI GeForce® RTX 3090 graphics card
- Features DDR5 memory, more width bandwidth for data transmission.
- PCIe Gen 5 bandwidth support, improved workloads and render capabilities for enhanced gaming experience.
- Best air flow design to keep them at peak performance
- Dual side panel optional, choose your personal style
- Mystic Light RGB LED design to customize your Gaming PC
- Easy to upgrade - designed to upgrade your components with an ease
- High speed M.2 SSD, loading game in second
- Standard component inside, keeping the system in the latest status
- USB 3.2 Gen 2x2 with type C reversible design



Picture and logos



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

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Specification

Color	ID1/Black-Black-Black
CPU Core Name	ALDER LAKE
CPU Socket	LGA-1700pin
CPU Number	Intel Core i9-12900KF
CPU Clock	3.2GHz
CPU Cores	6,16
TDP	125W
CPU Cooler	Liquid cooling 150W
Cache	30 MB Intel® Smart Cache
Threads	24
Chipsets	Z690
GPU1 VRAM Size	10G
VGA IO Port	HDMIx1, Display Portx3
VGA MKT Name	GeForce RTX 3080 VENTUS 3X PLUS 10G OC LHR
Memory Size	64GB(32GB*2)
Memory Type	DDR5 SDRAM
Memory Speed	2400(4800)MHz
Module Type	U-DIMM
Memory Slot(Total)	4
Memory Slot(Free)	2
Max Capacity	Max 128GB
SSD Interface	PCIe GEN4x4 NVMe
SSD Form Factor	M.2-2280 M-KEY
SSD Config	1TB*1
SSD Size	1TB
HDD1 Interface	N/A
HDD1 Form Factor	N/A
HDD1 Size	N/A
HDD1 RPM	N/A
ODD(Type)	N/A
ODD Height	N/A
ODD Type	N/A
M.2 slots(Total)	4
M.2 slots(Free)	3
2.5" Drive Bays(Total)	2
2.5" Drive Bays (Free)	2
LAN	Intel I225-V
WLAN	INTEL/AX211.NGWG.NV
WLAN Version	802.11ax 2x2+BT
BT Version	5.2
VESA size	NA
Audio Chipset	Realtek ALC897
Audio Type	7.1 Channel HD Audio
USB 3.2 Gen 2x2 Type C	NA
USB 3.2 Gen 2x2 Type A	NA
USB 3.2 Gen 2 Type C	NA
USB 3.2 Gen 2 Type A	NA
USB 3.2 Gen 1 Type C	1
USB 3.2 Gen 1 Type A	2
USB 2.0 Type A	NA
USB 2.0 Type C	NA
Thunderbolt	N/A
Audio Mic-in	1
Audio Headphone-out	1
Audio Headphone-out (HiFiSPDIF)	NA
Mic-inHeadphone-out combo	NA
USB 3.2 Gen 2x2 Type C (R)	1
USB 3.2 Gen 2x2 Type A (R)	1
USB 3.2 Gen 2 Type C (R)	NA
USB 3.2 Gen 2 Type A (R)	NA
USB 3.2 Gen 1 Type C (R)	NA
USB 3.2 Gen 1 Type A (R)	2
USB 2.0 Type C (R)	NA

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USB 2.0 Type A (R)	4
Thunderbolt (R)	NA
RJ45	1
WiFi Antenna	N/A
Card Reader	NA
VGA out	NA
VR-Link	NA
HDMI out	1x (v2.0)
DP out	1x (v1.4)
mini DP in	NA
mini DP out	NA
PS2	1
COM Port	NA
DVI-D out	NA
Audio jack	6
SPDIF	NA
Flash BIOS Button	1
Power	750W
Power Certification	80PLUS GOLD
Formfactor	ATX
Type	POWER SUPPLY
Operating Systems	N/A
Product Dimension (WxDxH) (mm)	195 x 514.8 x 466
Product Dimension (WxDxH) (inch)	7.68 x 20.27 x 18.35
Inside Carton Dimension (WxDxH) (mm)	N/A
Inside Carton Dimension (WxDxH) (inch)	N/A
Outer Carton Dimension Standard (WxDxH) (mm)	575(W/O KB) x 320(W/O KB) x 660(W/O KB)
Outer Carton Dimension Standard (WxDxH) (inch)	575(W/O KB) x 320(W/O KB) x 660(W/O KB)
Weight (Net kg)	TBD
Weight (Gross kg)	TBD
Liter	40
Warranty	36months
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 RCM(C-Tick)
AC Adaptor	N/A
Power Cord	1
Warranty Card	1
Quick Guide	5
User Manual	N/A
VESA Mount kit	N/A
Keyboard	N/A
Keyboard Interface	N/A
Mouse	N/A
Mouse Interface	N/A
EAN	4719072890155

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