



msi

DESKTOP

MAG Codex X5 12th

RULE YOUR GAMING EMPIRE WITH MINIMALIST STYLE



SPECIFICATIONS

Operating System	Windows 10 Home Windows 10 Pro Free Upgrade to Windows 11*
CPU	Up to Intel Core™ i9-12900K processor
Chipset	Intel® Z690 chipset
Storage	4x M.2 SSD (2x PCIe Gen 4 x4 + 1xSATA/PCIe Gen 3 x4 Combo+ 1xSATA/PCIe Gen 4 x4 Combo) 2x 2.5" Drive bays 2x 3.5" Drive bays
System Memory	Up to 4x DDR5 4400MHz U-DIMMs, up to 128GB
VGA	Up to MSI GeForce® RTX 3090 graphics card
Sound	7.1 Channel HD Audio (ALC897)
I/O (Front)	1 x USB 3.2 Gen 1 Type C 2 x USB 3.2 Gen 1 Type A 1x Mic-in 1x Headphone-out
I/O (Rear)	1x Flash BIOS button 4x USB 2.0 Type A 1x PS/2 Combo port 1x HDMI out (v2.0b) 1x Display Port out(v1.4) 2x USB 3.2 Gen 1 Type A 1x USB 3.2 Gen 2x2 Type C 1x USB 3.2 Gen 2 Type A 1x RJ45 (2.5G LAN) 1x WiFi Antenna 6x Audio jacks
Wireless LAN	Intel® Wi-Fi 6E AX211 (Optional)
Bluetooth	5.2
LAN	Intel I225V (2.5G)
AC Adapter / PSU	Up to 850W Gold 80 Plus (ATX)
Cooling System	120mm AIO Liquid Cooler
Volume	40 Liter
Dimension (WxDxH)	195 x 514.8 x 466 mm 611 x 351 x 645 mm
WEIGHT (N.W./G.W.)	10kg/15kg
Accessories	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord
Software	Drivers & MSI Utilities Anti-Virus (60 days trial)

FEATURES



Intel 12th Gen Processors

Equipped with 12th Gen Intel® Core™ i9 processor. Up to 19% performance increase than previous generation.



Mystic Light

Make your build look on fire or cold as ice. You are in control. Customize colors and effects with RGB LED.



Customizable Tempered Glass Panel Design

Looking for some versatility on the style of your gaming PC? You are in the right place.



GeForce RTX™ Graphics Card

Built with MSI GeForce RTX™ Graphics Card, up to 40% more performance than previous generation.



Easy to upgrade

Easy to access and upgrade components to keep the system up to date with the latest hardware.



Wi-Fi 6E

The latest Wi-Fi 6E delivers stunning speed while keeps the network smooth and stable even when sharing the network with numerous users.

CONNECTIONS



- | | |
|--|--|
| 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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Note

1. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see aka.ms/windows11-spec). 2. Both the standard RTX 3080/3070 and LHR version will be available