



SPECIFICATIONS

Operating System	Windows 11 Pro
CPU	Intel® Core™ i9-12900K Processor Intel® Core™ i7-12700K Processor
Chipset	Intel® Z690
System Memory	Up to 4x DDR5 4400MHz U-DIMMs
VGA	MSI GeForce® RTX 3090 MSI GeForce® RTX 3080Ti/3080 MSI GeForce® RTX 3070Ti/3070
Sound	7.1 Channel HD Audio with Nahimic audio enhancer (ALC1220P)
Storage	3x M.2 PCIe (2x Gen 4 x4, 1x Gen 3 x4/SATA combo) 2x 2.5" Drive Bays 1x 3.5" Drive Bay
Wireless LAN	Intel® Wi-Fi 6E AX211
Bluetooth	5.2
I/O (Front)	1 x USB 3.2 Gen 2 Type C (Support PD 15W 3A) 2x USB 3.2 Gen 1 Type A 1x Mic-in 1x Headphone-out
I/O (Rear)	2x USB 2.0 1x PS/2 Combo Port 1x HDMI out (2.0b) 1x USB 3.2 Gen 2x2 Type C 3x USB 3.2 Gen 2 Type A 1x Thunderbolt 4 (Optional) (Support PD 60W / DP 1.4a / USB 4 compliant) 2x RJ45 (2.5G + Gigabit LAN) 5x Audio jacks 1x Optical S/PDIF out
LAN	Intel WGI225-V (2.5G) Intel WGI219-V (1G)
AC Adapter / PSU	850W 80 Plus Gold certified (SFX)
Cooling System	MSI AIO Liquid Cooler (240mm)
Volume	67 Liters
Dimension (WxDxH)	551 x 239 x 511 mm 686 x 357 x 673 mm
WEIGHT (N.W. / G.W.)	15.6kg / 21.55kg
Accessories	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord
Software	Drivers & MSI Utilities MSI Center 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.



GeForce RTX™ Graphics Card

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

DDR 5 Memory ready



Equipped with the latest DDR5 memory which brings a powerful performance. DDR5 has a higher bandwidth than DDR4, allowing for extremely smooth gameplay.



Gaming Dial

With the knob design, it'll be easier for users to understand the system information. Through the dial design, users can easily switch between performance settings.

Silent Storm Cooling 4



Exclusive, silent and powerful cooling system that embraces several separated chambers for component cooling, added extra new chamber in back of MB for VRM cooling.

Wi-Fi 6E



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

CONNECTIONS



- 1 x USB 3.2 Gen 1 Type A
 1 x Mic-in / 1x Headphone-out
- 1 x USB 3.2 Gen 2 Type C
 1 x USB 3.2 Gen 1 Type A
- 5x Audio jacks / 1 x Optical S/PDIF out. 1x RJ45 (2.5G LAN) / 1x USB 3.1 Gen 1 Type A / 1x USB 3.1 Gen 2x2 Type C. 1x RJ45 (Gigabit LAN) / 2x USB 3.1 Gen 1 Type A. 1x Thunderbolt 4 (optional)*. 1x HDMI out (2.0a). 1x PS/2 Combo Port / 2x USB 2.0