SPECIFICATIONS

Operating System	Windows 11 Home
CPU	Up to 12th Gen Intel® i7-12700K Processor
Chipset	Intel® Z690
System Memory	2x DDR5 4800MHz U-DIMMs, up to 64GB
VGA	MSI GeForce® RTX 3090 graphics card MSI GeForce® RTX 3080 Ti graphics card MSI GeForce® RTX 3080 graphics card MSI GeForce® RTX 3070 Ti graphics card MSI GeForce® RTX 3070 graphics card
Sound	7.1 Channel HD Audio with Nahimic 3 audio boost (ALC4080)
Storage	2x M.2 2280 SSD (1xSATA/PCIe Gen 4 Combo, 1x PCIe Gen 4) 2x 2.5" Drive bays
Wireless LAN	Intel® Wi-Fi 6E AX211
Bluetooth	5.2
I/O (Front)	1x USB 3.2 Gen 1 Type C 1x USB 3.2 Gen 1 Type A 1x USB 2.0 Type A 1x Mic-in 1x Headphone-out
I/O (Rear)	3x Audio jacks 1x RJ45 (2.5 LAN) 2x USB 3.2 Gen 2 Type A 4x USB 3.2 Gen 1 Type A 2x Thunderbolt™4 (USB-C)(Optional) 2x Mini Display Port Input (for Thunderbolt pass through)(Optional) 1x Support 4K@60Hz as specified in DisplayPort 1.4 1x Support 4K@60Hz as specified in HDMI 2.0b 2x WiFi Antenna
LAN	intel I225V (2.5G)
AC Adapter / PSU	850W PSU (SFX)
Cooling System	Fan Cooler
Volume	10.36L / 21.89pt
Dimension (WxDxH)	137.06 x 396.57 x 410.39 mm / 5.40 x 15.61 x 16.16 inches
WEIGHT (N.W./ G.W.)	6.7 / 9.68 kg ; 14.77 / 21.34 lbs
Accessories	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord

FEATURES

Intel 12th Gen Processors

Equipped with 12th Gen Intel® Core™ i7 processor. Up to 50% performance increase than previous generation.

NVIDIA Ampere Graphics

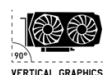Built with the latest MSI GeForce RTX™ Ampere Graphics Card, up to 2X more performance than previous generation.

Compact Size

The same performance as a big rig but in a powerful small-sized chassis so you can take it anywhere.

Silent Storm Cooling 3

Exclusive, silent and powerful cooling system that embraces several separated chambers for component cooling.

Vertical graphics design

Vertical placed graphics card to prevent bending of the card or damage to the PCIe slot during transport.

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. 1x USB 3.2 Gen 1 Type C

2. 1x USB 3.2 Gen 1 Type A

3. 1x USB 2.0 Type A

4. 1x Mic-in / 1x Headphone-out

5. 3x DP out (1.4) / 1x HDMI out (2.1)

6. 3x Audio jacks

7. 2x Thunderbolt 4 (USB-C) (Optional)/ 2x mini DP for thunderbolt pass through(Optional)

8. 2x WiFi Antenna

9. 1x RJ45 (2.5 LAN) / 2x USB 3.2 Gen 2 Type A

10. 4x USB 3.2 Gen 1 Type A/ 1x DP out (1.4) / 1x HDMI out (2.0)

Software	MSI Center MSI App Player Game Pass Drivers & MSI Utilities Anti-Virus (60 days trial) Tile
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