







SPECIFICATIONS

SPECIFI	CATIONS
Operating System	Windows 10 Home Windows 10 Pro (MSI recommends Windows 10 Pro for business.) (Free upgrade to Windows 11*, when available)
CPU	Up to 11 th Gen Intel [®] Core [™] i9-11900K processors
Chipset	Intel®Z590
Storage	3 x M.2 2280 SSD (2x SATA/PCle Gen 2 Combo, 1x PCle Gen 4) 2 x 2.5" Driver Bays 1 x 3.5" Driver Bay
System Memory	4x DDR4 up to 3200MHz U-DIMM, max 128GB
VGA	Up to MSI GeForce® RTX 3090 GDDR6X 24GB**
Sound	7.1 Channel HD Audio with Nahimic audio enhancer (ALC1220)
I/O (Front)	1 x USB 3.2 Gen 2 Type C 1 x USB 3.2 Gen 2 Type C (Support PD 15W 3A) 2 x USB 3.2 Gen 1 Type A 1 x Mic-in 1 x Headphone-out
I/O (Rear)	2 x USB 2.0 Type A 1 x PS/2 Combo Port 1x HDMI out (2.0b)*** 1 x USB 3.2 Gen 2x2 Type C 3 x USB 3.2 Gen 2 Type A 1 x Thunderbolt 4*** (Support PD 60W / DP 1.4a / USB 4 compliant) 2 x RJ45 LAN (2.5G + Gigabit LAN) 5 x Audio jacks 1x Optical S/PDIF out *The display function is only available on non F series processors. *Specification will vary by model
Wireless LAN	Intel® WiFi 6E AX210
Bluetooth	5.1
LAN	Intel WGI225V (2.5G) Intel WGI219V (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
WEIGHT (N.W./ G.W.)	15.6kg / 21.55kg

FEATURES



Intel 11th Gen Processors

Equipped with 11th Gen Intel® Core™ i9 processor. Up to 22% performance increase than previous generation.

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.

GeForce RTX™ Graphics Card



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

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.

Thunderbolt™ 4



Up to 40Gb transmission speed and 2X PCI-e bandwidth than previous generation, brings fast speed and versatility, offering a fast and simple level of connection for work.

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 A / 1x Mic-in / 1x Headphone-out
- 3. 5x Audio jacks / 1 x Optical S/PDIF out
- 5. 1x RJ45 (Gigabit LAN) / 2x USB 3.2 Gen 2 Type A
- 7. 1x HDMI out (2.0)
- USB 3.2 Gen 1 Type A
- 4. 1x RJ45 (2.5G LAN) / 1x USB 3.2 Gen 2 Type A / 1x USB 3.2 Gen 2 Type C

2. 1x USB 3.2 Gen 2 Type C / 1x

- 6. 1x Thunderbolt 4
- 8. 1x PS/2 Combo Port / 2x USB 2.0

installed.





Accessories	1 x Manual (optional) 1 x Quick guide 1 x Warranty card 1 x Power cord
Software	MSI Center Drivers & MSI Utilities Anti-Virus (60 days trial)
Note	Upgrade rollout plan is being finalized and is scheduled to begin late in 2021 and continue into 2022. Specific timing will vary by device. Certain features require specific hardware, see https://www.microsoft.com/windows/windows-11-specifications 2. Both the standard RTX 3080/3070 and LHR version will be available 3 HDMI 2.0b with HDR port, supports a maximum resolution of 4K 60Hz Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU