FEATURES

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

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

4K UHD Resolution
Experience the incredibly sharp and crisp images, movies and gameplay etc., to meet your sensory needs.

Matrix Display
Supports the Multi-display mode and the surround view mode

MSI Center
The MSI Center takes optimization to the next level with easily adjustable system modes and resources for a wide range of scenarios and needs.

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.
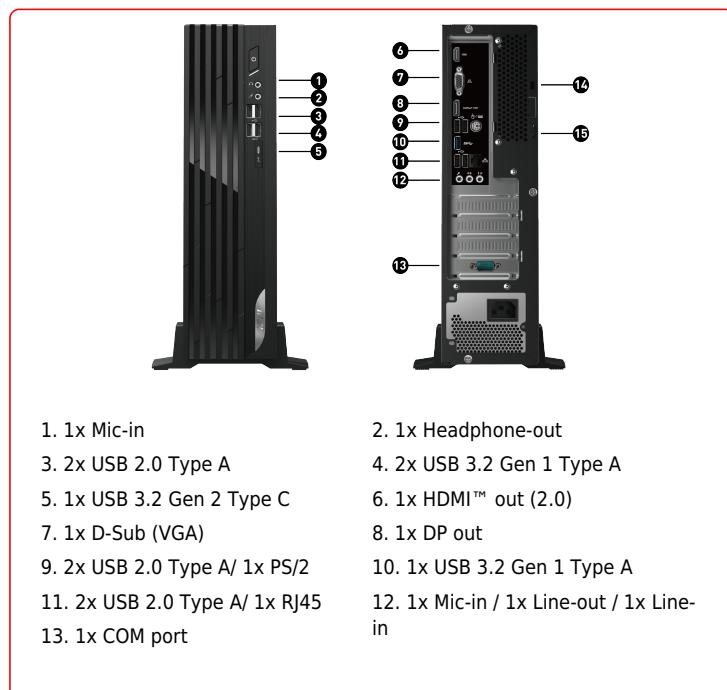
TPM Support
FW TPM design secures your confidential data with encryption keys.

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

SPECIFICATIONS

Operating System	Windows 10 Home - MSI recommends Windows 10 Pro for business
CPU	Up to Intel® Core™ i9-10900K Processor
Sound	Realtek® ALC897
Chipset	Intel® Z490
System Memory	2 x DDR4 up to 2933MHz U-DIMMs, up to 64GB
Storage	1x M.2 SSD combo (NVMe PCIe Gen3x4) 1x 3.5" HDD
System Memory	2x DDR4 3200MHz U-DIMMs, Up to 64 GB
Graphics	MSI GeForce GTX 1650 4GT LP 4GB GDDR5 : 1x HDMI™, 1x DL-DVI-D MSI GeForce GT 1030 2GD4 LP 2GB DDR4 : 1x DP, 1x HDMI™ (either one)
Storage	2x M.2 SSD (1x PCIe/SATA Auto-switch) 2x 2.5" SSD / HDD
Cooling System	Fan Cooler
Wireless LAN	Intel® Dual Band Wireless-AC
Bluetooth	5.1
I/O (Front)	1x USB 3.2 Gen 2 Type C 2x USB 3.2 Gen 1 Type A 2x USB 2.0 Type A 1x Mic-in 1x Headphone-out
OPERATING SYSTEM	Windows 10 Home Windows 10 Pro (MSI recommends Windows 10 Pro for business.) (Free upgrade to Windows 11*, when available)
I/O (Rear)	1x USB 3.2 Gen 1 Type A 4x USB 2.0 Type A 1x RJ45 1x DP out(1.4) 1x HDMI™ out (2.0) 1x VGA out 1x PS/2 1x Mic-in 1x Line-out 1x Line-in 1x COM port *Tips: The display function is only available on non F series processors.
I/O (Front)	1x USB 3.2 Gen1 Type C 1x USB 2.0 Type A 1x USB 3.2 Gen1 Type A 1x Mic-in 1 1x Headphone-out
Operating System	Windows 11 Home - MSI recommends Windows 11 Pro for business

CONNECTIONS

1. 1x Mic-in
2. 1x Headphone-out
3. 2x USB 2.0 Type A
4. 2x USB 3.2 Gen 1 Type A
5. 1x USB 3.2 Gen 2 Type C
6. 1x HDMI™ out (2.0)
7. 1x D-Sub (VGA)
8. 1x DP out
9. 2x USB 2.0 Type A/ 1x PS/2
10. 1x USB 3.2 Gen 1 Type A
11. 2x USB 2.0 Type A/ 1x RJ45
12. 1x Mic-in / 1x Line-out / 1x Line-in
13. 1x COM port

CPU	Up to Intel® Core™ i9-11900K Processor
CHIPSET	Intel® Z590
I/O (Rear)	1x Thunderbolt 3 (PD 15W) 1x USB 3.2 Gen 2 Type A 2x USB 3.2 Gen 1 Type A 2x USB 2.0 Type A 1x DP out (1.2) 1x HDMI™ out (1.4) 1x RJ45 (2.5G) 5x Audio jacks 1x Optical S/PDIF out *Tips: The display function is only available on non F series processors.
Wireless LAN	1. AX201 2. AX210 3. AX211
Chipset	Intel® H610
GRAPHICS	Up to MSI GeForce RTX™ 3080 Graphics
SYSTEM MEMORY	2 x DDR4 up to 3200MHz U-DIMMs, up to 64GB
LAN	5.2
LAN	Realtek® 8125B
Mini-DisplayPort	
AC Adapter / PSU	350W 80 Plus Bronze Certified PSU
STORAGE	2x M.2 SSD (1x PCIe/SATA Auto-switch) 2x 2.5" SSD / HDD
AC Adapter / PSU	Modular 650W 80 Plus Gold Certified PSU
WIRELESS LAN	Intel® Wi-Fi 6E AX210
Cooling System	Fan Cooler
BLUETOOTH	5.2
Volume	10.36 L / 21.89pt
LAN	Intel® I225-V
SOUND	7.1 Channel HD Audio with Nahimic audio enhancer
Dimension (WxDxH)	97 x 430.2 x 340 mm (3.82 x 16.94 x 13.39 inch)
Dimension (WxDxH)	131.85 x 372.20 x 408.88mm (5.19 x 14.65 x 16.10 inch)
COOLING SYSTEM	Fan Cooler
Wireless LAN	Intel AC 9462 or Intel Wi-Fi 6 AX201
WEIGHT (N.W./ G.W.)	5.43 kg (11.97 lbs) / 7.42 (16.36 lbs)
WEIGHT (N.W./ G.W.)	7.71 kg (17.00 lbs) / 9.73 kg (21.45 lbs)
Lock	1x Kensington Lock 1x Pad Lock
Bluetooth	5.2
I/O (FRONT)	1x USB 3.2 Gen1 Type C 1x USB 3.2 Gen1 Type A 1x USB 2.0 Type A 1x Mic-in 1x Headphone-out
I/O (REAR)	2x Thunderbolt 4 (PD 15W with Type-C, Optional)* 2x USB 3.2 Gen 2 Type A 2x USB 3.2 Gen 1 Type A 2x USB 2.0 Type A 2x Mini DisplayPort Input (for Thunderbolt pass through) 1x DP out (1.4) 1x HDMI™ out (2.0) 1x RJ45 (2.5G) 3x Audio jacks *Actual feature may vary by models
ACCESSORIES	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord
Volume	13 Liter / 22.88 pt
VESA Mount	NA

Accessories	1x Manual (optional) 1x Quick guide 1x Warranty card 1x Power cord
Software	Drivers & MSI Utilities Anti-Virus (60 days trial)
Accessories	1x User Manual (Optional) 1x Quick Guide (Optional) 1x Warranty Card 1x Warranty Book 1x AC/DC Adapter 1x Power Cord
Software	Quick Setting Drivers & MSI Utilities Anti-Virus (60 days trial)