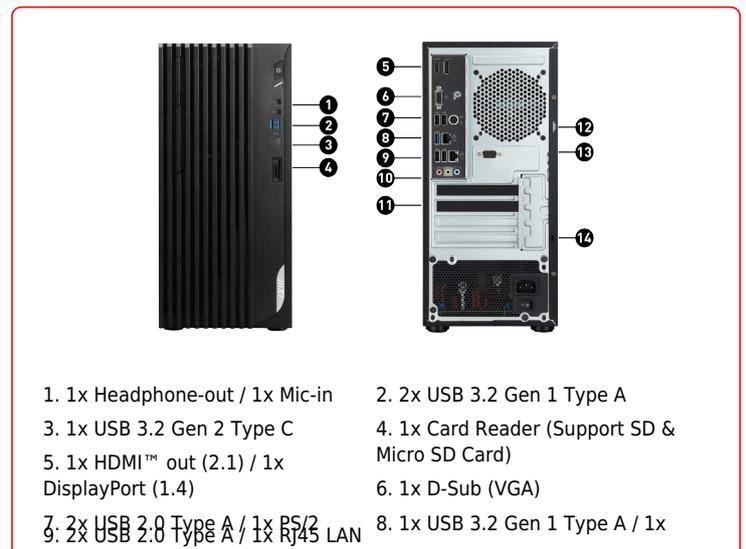## SPECIFICATIONS

Operating System	Windows 11 Home - MSI recommends Windows 11 Pro for business
CPU	Intel® Core™ i7 processor 14700 (33M Cache, 2.10 GHz up to 5.40 GHz) Intel® Core™ i7 processor 14700F (33M Cache, 2.10 GHz up to 5.40 GHz) Intel® Core™ i5 processor 14400 (20M Cache, 2.50 GHz up to 4.70 GHz) Intel® Core™ i5 processor 14400F (20M Cache, 2.50 GHz up to 4.70 GHz) Intel® Core™ i3 processor 14100 (12M Cache, 3.50 GHz up to 4.70 GHz)
Chipset	Intel® 610
Graphics	GeForce® RTX™ 4060 Ti VENTUS 2X BLACK 8G OC (3xDP, 1xHDMI™) GeForce® RTX™ 4060 VENTUS 2X BLACK 8G OC (3xDP, 1xHDMI™) GeForce® RTX™ 3060 VENTUS 2X 8G (3xDP, 1xHDMI™) GeForce® RTX™ 3050 VENTUS 2X XS 8G (1xDP, 1xHDMI™, 1xDL-DVI-D) GeForce® GTX 1650 D6 VENTUS XS V3 (1xDP, 1xHDMI™, 1xDL-DVI-D) GeForce® GTX 1650 D6 AERO ITX V3 (1xDP, 1xHDMI™, 1xDL-DVI-D) GeForce® GT 1030 2GD4 LP OC (1xDP, 1xHDMI™)
Storage	1x M.2 SSD (auto switch) 1x 2.5" HDD / SSD 1x 3.5" HDD
System Memory	2x DDR4 3200MHz U-DIMMs, up to 64GB
I/O (Front)	1x USB 3.2 Gen 2 Type C 2x USB 3.2 Gen 1 Type A 1x Mic-in 1x Headphone-out 1x Card Reader (Support SD & Micro SD Card)
I/O (Rear)	1x USB 3.2 Gen 1 Type A 4x USB 2.0 Type A 2x RJ45 LAN (2.5G & 1G) 1x HDMI™ out (supports 4K @60Hz as specified in HDMI™ 2.1) 1x DisplayPort (1.4) 1x D-Sub (VGA) 1x COM port 1x PS/2 3x Audio Jack 1x Kensington Lock 1x Padlock
Wireless LAN	Intel® Wi-Fi AC9462 / Wi-Fi 6E AX211
Bluetooth	5.1 (for AC9462) / 5.3 (for AX211)
LAN	Intel® I226V (2.5G LAN) + Intel® I219-V (1G LAN)

FEATURES

Intel® Core™ 14th Gen i7 Processors

Intel® Core™ i7 processor 14700 is equipped with 8 P-cores and 12 E-cores, offering seamless multitasking for gamers and ensuring a smooth gaming experience.

GeForce RTX™ 40 series GPUs (AI accelerator)

Built with MSI GeForce RTX™ Graphics Cards, offering up to 4 times gaming performance and 1.8 times AI performance.

Various IO Design

With a complete array of I/O ports, it can connect all devices that you need.

Dual LAN

Dual LAN design provides the second LAN backup and a safer network environment

Built-in Card Reader

The built-in card reader supports Micro SD & SD Card to bring the best compatibility and convenience

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.

Easy to upgrade

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

TPM Support

FW TPM design secures your confidential data with encryption keys.

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.

MSI Cloud Center

MSI Cloud Center app brings you a private cloud and helps backup files of your mobile devices (Android & iOS)

CONNECTIONS

1. 1x Headphone-out / 1x Mic-in
2. 2x USB 3.2 Gen 1 Type A
3. 1x USB 3.2 Gen 2 Type C
4. 1x Card Reader (Support SD & Micro SD Card)
5. 1x HDMI™ out (2.1) / 1x DisplayPort (1.4)
6. 1x D-Sub (VGA)
7. 2x USB 2.0 Type A / 1x PS/2
8. 1x USB 3.2 Gen 1 Type A / 1x
9. 2x USB 2.0 Type A / 1x RJ45 LAN

Cooling System	Fan Cooler
SOUND	Realtek® ALC897
AC Adapter / PSU	ATX 500W 80 Plus Bronze Certified PSU
MANAGEMENT UTILITY	MSI Cloud Center: Backup files of your mobile devices (Android & iOS), Private Personal Folder, Public Folder, File Synchronization, File Sharing MSI Center: Hardware Monitoring, Free Up Memory, Clean Up Disk, LAN Manager, MSI Recovery, F3 Recovery, Devices Speed Up, Smart Priority, Smart Image Finder, Live Update, Microsoft App Update, System Info, Troubleshooting, Contact Us, MSI Forum & Channel
SECURITY UTILITY & DEVICE	MSI Center: System Diagnosis
SECURITY	Support dTPM 2.0
Dimension (WxDxH)	168 x 323 x 369 mm (6.61 x 12.72 x 14.53 inch)
WEIGHT (N.W./ G.W.)	7.59 kg (16.74 lbs) / 9.03 kg (19.91)
Volume	18 Liter/ 38.04pt
Accessories	1x Power Cord 1x Quick Guide
Certificates	FCC, CB/CE, UL & CUL, VCCI, RCM, ENERGY STAR

(1G LAN)

11. 1x Graphics Card (Optional)

13. 1x COM Port

RJ45 LAN (2.5G LAN)

10. 3x Audio Jack

12. 1x Padlock

14. 1x Kensington Lock