SPECIFICATIONS

Operating System	Windows 11 Home - MSI recommends Windows 11 Pro for business
CPU	Intel® Core™ i7-13700 Intel® Core™ i7-13700F Intel® Core™ i5-13400 Intel® Core™ i5-13400F Intel® Core™ i3-13100
Chipset	Intel® 610
Graphics	GeForce RTX™ 4060 VENTUS 2X BLACK 8G OC (3xDP, 1xHDMI™) GeForce RTX™ 3060 VENTUS 2X 8G OC (3xDP, 1xHDMI™) GeForce GTX 1650 D6 AERO ITX OCV1 (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
Bluetooth	4.2 (for AC3168) / 5.1 (for AC9462) / 5.3 (for AX211)
LAN	Intel® I226V (2.5G LAN) + Intel® I219-V (1G LAN)
Wireless LAN	Intel® Wi-Fi AC3168 / Intel® Wi-Fi AC9462 / Wi-Fi 6E AX211
Cooling System	Fan Cooler
SOUND	Realtek® ALC897
AC Adapter / PSU	ATX 500W 80 Plus Bronze Certified PSU

FEATURES

intel CORE i7

Intel 13th Gen Processors

Support up to the 13th generation Intel® Core™ i7 processor that enhances the work and amusement experience.

WI-FI 6E

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.

Dual LAN

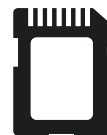Dual LAN design provides the second LAN backup and a safer network environment

TPM Support

FW TPM design secures your confidential data with encryption keys.

Various IO Design

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

Built-in Card Reader

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

EASY TO UPGRADE

Easy to upgrade

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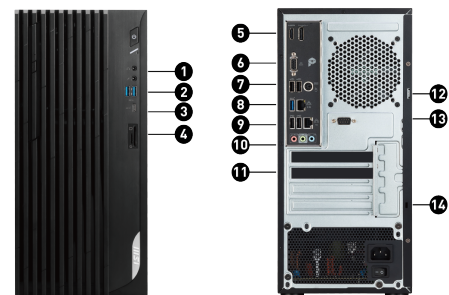
msi

MSI Cloud Center

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

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.

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 RJ45 LAN (2.5G LAN)

9. 2x USB 2.0 Type A / 1x RJ45 LAN (1G LAN)

10. 3x Audio Jack

11. 1x Padlock

12. 1x COM Port

13. 1x Kensington Lock

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 Hardware TPM 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