



MSI Pulse 17 B13VFK-010UK Intel® Core™ i7 i7-13700H Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : MSI

Product family: Pulse

Product code: PULSE 17
B13VFK-010UK

Product name : Pulse 17
B13VFK-010UK



- Windows 11 Home
 - Intel Core i7-13700H (24MB Cache)
 - 43.9 cm (17.3") Full HD 1920 x 1080, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
 Intel Core i7-13700H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home
 MSI Pulse 17 B13VFK-010UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Grey



| Design | | Network | |
|--------------------------------|--------------------------|---------------------------------------------------|---------------------|
| Colour name | Titanium Gray | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Product type * | Laptop | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Product colour * | Grey | Mobile network connection * | ✗ |
| Form factor * | Clamshell | WLAN controller model | Intel Wi-Fi 6 AX201 |
| Display | | Ethernet LAN | ✓ |
| Display diagonal * | 43.9 cm (17.3") | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Display resolution * | 1920 x 1080 pixels | Bluetooth | ✓ |
| Touchscreen * | ✗ | Bluetooth version | 5.2 |
| HD type | Full HD | Ports & interfaces | |
| Display brightness | 250 cd/m ² | USB 2.0 ports quantity * | 1 |
| Maximum refresh rate | 144 Hz | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor | | USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Processor manufacturer * | Intel | Ethernet LAN (RJ-45) ports | 1 |
| Processor family * | Intel® Core™ i7 | HDMI ports quantity * | 1 |
| Processor generation | 13th gen Intel® Core™ i7 | HDMI version | 2.1 |
| Processor model * | i7-13700H | Combo headphone/mic port | ✓ |
| Processor cores | 14 | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor boost frequency | 5 GHz | Performance | |
| Efficient-core boost frequency | 3.7 GHz | Motherboard chipset | Intel HM770 |
| Processor cache | 24 MB | Keyboard | |
| Processor cache type | Smart Cache | Pointing device | Touchpad |
| Configurable TDP-down | 35 W | Numeric keypad * | ✓ |
| Processor base power | 45 W | Keyboard backlit | ✓ |
| Maximum turbo power | 115 W | Keyboard backlit colour | RGB |
| Memory | | Keyboard backlit zone | 4-zone RGB |
| Internal memory * | 16 GB | | |
| Internal memory type | DDR5-SDRAM | | |
| Memory clock speed | 5200 MHz | | |

| | | | |
|--------------------------------|-------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory | | Software | |
| Memory layout (slots x size) | 2 x 8 GB | Operating system installed * | Windows 11 Home |
| Maximum internal memory * | 64 GB | | MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trial 60days) Norton Studio (Metro) (permanent free) Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0 |
| Storage | | Bundled software | |
| Total storage capacity * | 1 TB | | |
| Storage media * | SSD | | |
| Total SSDs capacity | 1 TB | | |
| Number of SSDs installed | 1 | | |
| SSD capacity | 1 TB | | |
| SSD interface | PCI Express 4.0 | | |
| NVMe | ✓ | | |
| Optical drive type * | ✗ | | |
| Graphics | | Processor special features | |
| Discrete GPU manufacturer | NVIDIA | Intel Flex Memory Access | ✓ |
| Discrete graphics card model * | NVIDIA GeForce RTX 4060 | Intel Trusted Execution Technology | ✓ |
| Discrete graphics card memory | 8 GB | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Discrete graphics memory type | GDDR6 | Execute Disable Bit | ✓ |
| On-board graphics card * | ✓ | CPU configuration (max) | 1 |
| Discrete graphics card * | ✓ | Embedded options available | ✗ |
| On-board graphics card model * | Intel Iris Xe Graphics | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| | | Intel Virtualization Technology (VT-x) | ✓ |
| Audio | | Battery | |
| Audio system | NAHIMIC 3 | Number of battery cells | 4 |
| Number of built-in speakers | 2 | Battery capacity * | 90 Wh |
| Speakers manufacturer | Nahimic | | |
| Speaker power | 2 W | | |
| Camera | | Power | |
| Front camera | ✓ | AC adapter power | 240 W |
| Front camera HD type | HD | | |
| Video capturing speed | 30 fps | Weight & dimensions | |
| | | Width | 398 mm |
| | | Depth | 273 mm |
| | | Height | 27.2 mm |
| | | Weight * | 2.7 kg |



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