



MSI Modern 15 B12M-455US Intel® Core™ i5 i5-1235U Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Negro

Marca : MSI

Familia de productos: Modern Código del producto:
MODERN 15 B12M-455US

Nombre del producto :
Modern 15 B12M-455US

MSI Modern 15 B12M-455US. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-1235U. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Píxeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel Iris Xe Graphics. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro. Peso: 1.7 kg



| Design | | Graphics | |
|--------------------------------------|--------------------------|---|---------------------|
| Colour name | Classic Black | Graphics card Open GL support | ✓ |
| Product type * | Laptop | Audio | |
| Product colour * | Black | Number of built-in speakers | 2 |
| Form factor * | Clamshell | Speaker power | 2 W |
| Original brand name | MSI | Camera | |
| Display | | Front camera | ✓ |
| Display diagonal * | 39.6 cm (15.6") | Front camera resolution | 1280 x 720 pixels |
| Display resolution * | 1920 x 1080 pixels | Front camera HD type | HD |
| Touchscreen * | ✗ | Video capturing speed | 30 fps |
| HD type | Full HD | Network | |
| Native aspect ratio | 16:9 | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Anti-glare screen | ✓ | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Display diagonal (metric) | 39.6 cm | Mobile network connection * | ✗ |
| RGB colour space | NTSC | Antenna type | 2x2 |
| Colour gamut | 45% | WLAN controller model | Intel Wi-Fi 6 AX201 |
| Maximum refresh rate | 60 Hz | WLAN controller manufacturer | Intel |
| Processor | | Bluetooth | ✓ |
| Processor manufacturer * | Intel | Bluetooth version | 5.2 |
| Processor family * | Intel® Core™ i5 | Ports & interfaces | |
| Processor generation | 12th gen Intel® Core™ i5 | USB 2.0 ports quantity * | 2 |
| Processor model * | i5-1235U | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1 |
| Processor cores | 10 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Processor boost frequency | 4.4 GHz | HDMI ports quantity * | 1 |
| Performance cores | 2 | Combo headphone/mic port | ✓ |
| Efficient cores | 8 | | |
| Performance-core Max Turbo Frequency | 4.4 GHz | | |
| Efficient-core Max Turbo Frequency | 3.3 GHz | | |

| | | | |
|--------------------------------|------------------------|---|------------------------|
| Processor | | Keyboard | |
| Processor cache | 12 MB | Pointing device | Touchpad |
| Processor cache type | Smart Cache | Numeric keypad * | ✓ |
| Configurable TDP-down | 12 W | Keyboard backlit | ✓ |
| Processor base power | 15 W | Keyboard backlit colour | White |
| Maximum turbo power | 55 W | Full-size keyboard | ✓ |
| Memory | | Software | |
| Internal memory * | 16 GB | Operating system installed * | Windows 11 Home |
| Internal memory type | DDR4-SDRAM | Processor special features | |
| Memory clock speed | 3200 MHz | Intel Flex Memory Access | ✓ |
| Memory form factor | On-board | Intel Trusted Execution Technology | ✓ |
| Maximum internal memory * | 16 GB | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Storage | | Execute Disable Bit | ✓ |
| Total storage capacity * | 512 GB | CPU configuration (max) | 1 |
| Storage media * | SSD | Embedded options available | ✗ |
| Total SSDs capacity | 512 GB | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Number of SSDs installed | 1 | Intel Virtualization Technology (VT-x) | ✓ |
| SSD capacity | 512 GB | Battery | |
| NVMe | ✓ | Battery technology | Lithium Polymer (LiPo) |
| Optical drive type * | ✗ | Number of battery cells | 3 |
| Card reader integrated | ✓ | Battery capacity * | 39.3 Wh |
| Compatible memory cards | MicroSD (TransFlash) | Power | |
| Graphics | | AC adapter power | 65 W |
| Discrete graphics card model * | Not available | Weight & dimensions | |
| On-board graphics card * | ✓ | Width | 359 mm |
| Discrete graphics card * | ✗ | Depth | 241 mm |
| On-board graphics card family | Intel Iris Xe Graphics | Height | 19.9 mm |
| On-board graphics card model * | Intel Iris Xe Graphics | Weight * | 1.7 kg |

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