



MSI Creator Z16 A12UET-051CA Intel® Core™ i7 i7-12700H Laptop 40.6 cm (16") Touchscreen Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : MSI

Product family: Creator

Product code: CREATOR Z16
A12UET-051CA



Product name : Z16
A12UET-051CA

- Windows 11 Pro
- Intel Core i7-12700H (24MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 3060 (6GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM & 1000GB SSD
Intel Core i7-12700H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3060 (6GB GDDR6), WLAN, Webcam, Windows 11 Pro
MSI Creator Z16 A12UET-051CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey



| | | | |
|---------------------------|--------------------------|---|---------------------|
| Design | | Audio | |
| Product type * | Laptop | Speaker power | 2 W |
| Product colour * | Grey | Camera | |
| Form factor * | Clamshell | Front camera | ✓ |
| Display | | Front camera HD type | HD |
| Display diagonal * | 40.6 cm (16") | Video capturing speed | 30 fps |
| Display resolution * | 2560 x 1600 pixels | Infrared (IR) camera | ✓ |
| Touchscreen * | ✓ | Network | |
| HD type | Quad HD+ | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Native aspect ratio | 16:10 | Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| RGB colour space | DCI-P3 | Mobile network connection * | ✗ |
| Colour gamut | 100% | WLAN controller manufacturer | Killer |
| Processor | | Ethernet LAN | ✗ |
| Processor manufacturer * | Intel | Bluetooth | ✓ |
| Processor family * | Intel® Core™ i7 | Bluetooth version | 5.2 |
| Processor generation | 12th gen Intel® Core™ i7 | Ports & interfaces | |
| Processor model * | i7-12700H | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor cores | 14 | Thunderbolt 4 ports quantity | 2 |
| Processor boost frequency | 4.7 GHz | Intel® Thunderbolt 4 | ✓ |
| Processor cache | 24 MB | Combo headphone/mic port | ✓ |
| Configurable TDP-down | 35 W | Keyboard | |
| Memory | | Pointing device | Touchpad |
| Internal memory * | 32 GB | Numeric keypad * | ✗ |
| Internal memory type | DDR5-SDRAM | Keyboard backlit | ✓ |
| Memory clock speed | 4800 MHz | Keyboard backlit colour | RGB |
| Memory form factor | SO-DIMM | | |
| Memory slots | 2x SO-DIMM | | |
| Maximum internal memory * | 64 GB | | |

| Storage | | Software | |
|--------------------------------|-------------------------|---|----------------|
| Total storage capacity * | 1 TB | Operating system installed * | Windows 11 Pro |
| Storage media * | SSD | Processor special features | |
| Total SSDs capacity | 1 TB | Intel Flex Memory Access | ✓ |
| Number of SSDs installed | 1 | Intel Trusted Execution Technology | ✓ |
| SSD capacity | 1 TB | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| SSD interface | PCI Express | Execute Disable Bit | ✓ |
| NVMe | ✓ | CPU configuration (max) | 1 |
| Optical drive type * | ✗ | Embedded options available | ✗ |
| Card reader integrated | ✓ | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Compatible memory cards | MicroSD (TransFlash) | Intel Virtualization Technology (VT-x) | ✓ |
| Graphics | | Battery | |
| Discrete GPU manufacturer | NVIDIA | Number of battery cells | 4 |
| Discrete graphics card model * | NVIDIA GeForce RTX 3060 | Battery capacity * | 90 Wh |
| Discrete graphics card memory | 6 GB | Power | |
| Discrete graphics memory type | GDDR6 | AC adapter power | 180 W |
| On-board graphics card * | ✓ | Weight & dimensions | |
| Discrete graphics card * | ✓ | Width | 359 mm |
| On-board graphics card model * | Intel Iris Xe Graphics | Depth | 256 mm |
| Audio | | Height | 15.9 mm |
| Number of built-in speakers | 4 | Weight * | 2.2 kg |



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Catalog Object Cloud



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