msi

MSI CreatorPro Z16P B12UMST-073CA Intel® Core™ i7 i7-12700H Mobile workstation 40.6 cm (16") Touchscreen Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A5500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : MSI

Product family: CreatorPro

Product code: CREATORPRO Z16P B12UMST-073CA

Product name : Z16P B12UMST-073CA

- Windows 11 Pro
- Intel Core i7-12700H (24MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, NVIDIA RTX A5500 (16GB 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 RTX A5500 (16GB GDDR6), WLAN, Webcam, Windows 11 Pro MSI CreatorPro Z16P B12UMST-073CA. Product type: Mobile workstation, 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

Product type *	Mobile workstation
Product colour *	Grey
Form factor *	Clamshell

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✔
HD type	Quad HD+
Native aspect ratio	16:10

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-12700H
Processor cores	14
Processor boost frequency	4.7 GHz
Processor cache	24 MB
Configurable TDP-down	35 W

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB

Camera

Front camera HD type	Full HD
Video capturing speed	30 fps

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✗
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Ambient light sensor	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔

Software

Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔

Storage

SSD interface	PCI Express
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA RTX A5500
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Number of built-in speakers	4
Speaker power	2 W

Camera

Front camera	✔

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Number of battery cells	4
Battery capacity *	90 Wh

Power

AC adapter power	240 W

Security

Fingerprint reader	✔

Weight & dimensions

Width	359 mm
Depth	256 mm
Height	19 mm
Weight *	2.39 kg

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