



**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



<b>Design</b>		<b>Camera</b>	
Product type *	Mobile workstation	Front camera HD type	Full HD
Product colour *	Grey	Video capturing speed	30 fps
Form factor *	Clamshell	<b>Network</b>	
<b>Display</b>		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✓	Ethernet LAN	✗
HD type	Quad HD+	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.2
<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	12th gen Intel® Core™ i7	Thunderbolt 4 ports quantity	1
Processor model *	i7-12700H	Intel® Thunderbolt 4	✓
Processor cores	14	Combo headphone/mic port	✓
Processor boost frequency	4.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB	<b>Performance</b>	
Configurable TDP-down	35 W	Ambient light sensor	✓
<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	32 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	4800 MHz	<b>Software</b>	
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	<b>Processor special features</b>	
Maximum internal memory *	64 GB	Intel Flex Memory Access	✓
<b>Storage</b>		Intel Trusted Execution Technology	✓
Total storage capacity *	1 TB		
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		

<b>Storage</b>		<b>Processor special features</b>	
SSD interface	PCI Express	Intel VT-x with Extended Page Tables (EPT)	✓
NVMe	✓	Execute Disable Bit	✓
Optical drive type *	✗	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	SD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
<b>Graphics</b>		Intel Virtualization Technology (VT-x)	✓
Discrete GPU manufacturer	NVIDIA	<b>Battery</b>	
Discrete graphics card model *	NVIDIA RTX A5500	Number of battery cells	4
Discrete graphics card memory	16 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR6	<b>Power</b>	
On-board graphics card *	✓	AC adapter power	240 W
Discrete graphics card *	✓	<b>Security</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Fingerprint reader	✓
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Number of built-in speakers	4	Width	359 mm
Speaker power	2 W	Depth	256 mm
<b>Camera</b>		Height	19 mm
Front camera	✓	Weight *	2.39 kg

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Publication date: 23-DEC-2024. Prints or copies of Information are only valid on the printed Publication date