



MSI Creator Z17 A12UHST-052 Intel® Core™ i9 i9-12900H Laptop 43.2 cm (17") Touchscreen Quad HD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 3080 Ti Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : MSI

Product family: Creator

Product code: CREATOR Z17
A12UHST-052

Product name : Z17
A12UHST-052

- Windows 11 Pro
- Intel Core i9-12900H (24MB Cache)
- 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 3080 Ti (16GB GDDR6)
- 64GB (4800MHz) DDR5-SDRAM & 2000GB SSD
Intel Core i9-12900H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3080 Ti (16GB GDDR6), WLAN, Webcam, Windows 11 Pro
MSI Creator Z17 A12UHST-052. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-12900H. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Display		WLAN controller manufacturer	Killer
Display diagonal *	43.2 cm (17")	Ethernet LAN	✗
Display resolution *	2560 x 1600 pixels	Bluetooth	✓
Touchscreen *	✓	Bluetooth version	5.2
HD type	Quad HD+	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor family *	Intel® Core™ i9	Intel® Thunderbolt 4	✓
Processor generation	12th gen Intel® Core™ i9	Combo headphone/mic port	✓
Processor model *	i9-12900H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	14	Performance	
Processor boost frequency	5 GHz	Motherboard chipset	Intel SoC
Processor cache	24 MB	Ambient light sensor	✓
Configurable TDP-down	35 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	64 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	4800 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Pro
Maximum internal memory *	64 GB	Processor special features	
Storage		Intel Flex Memory Access	✓
Total storage capacity *	2 TB		
Storage media *	SSD		
Total SSDs capacity	2 TB		

Storage		Processor special features	
Number of SSDs installed	1	Intel Trusted Execution Technology	✓
SSD capacity	2 TB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD interface	NVMe	Intel Stable Image Platform Program (SIPP)	✓
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)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete GPU manufacturer	NVIDIA	Battery	
Discrete graphics card model *	NVIDIA GeForce RTX 3080 Ti	Number of battery cells	4
Discrete graphics card memory	16 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	240 W
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✓	Fingerprint reader	✓
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Audio		Width	382 mm
Number of built-in speakers	4	Depth	260 mm
Speaker power	2 W	Height	19 mm
Camera		Weight *	2.49 kg
Front camera	✓		
Front camera HD type	Full HD		
Video capturing speed	30 fps		



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Catalog Object Cloud



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