

Create Splendid Moments

Creator P50 is the best designer's desktop PC. With a compact dimension, it fits all of your studios to make your great ideas come true; Creator P50 is designed for multi-tasking & pro-level creators to work with a workflow acceleration.



Selling Points

Creator P50 12th

- Windows 11 Home - MSI recommends Windows 11 Pro for business
- Up to the 12th generation Intel® Core™ i7 processors
- The latest MSI GeForce® RTX Graphics Card
- Dual Channel Memory with DDR4 Boost Technology provides the most smooth & fastest real-time previews
- A front USB 3.2 Gen 2 Type-C port provides convenient access
- Connect and rapidly transfer data over a network with the high-bandwidth and low-latency 2.5G Ethernet LAN.
- Wi-Fi 6E puts more emphasis on transmission security with speed up to 2.4Gbps
- Support up to 8K4K Creating Experience
- Exclusive Software - MSI Center & Creator OSD
- 4.72 liters in size, the most compact desktop PC for creators

*Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see <https://www.microsoft.com/en-us/windows/windows-11-specifications>).



Picture and logos

1. 1x Thunderbolt 4 (Optional)
2. 1x Headphone-out / 1x Mic-in
3. 2x USB 3.2 Gen 1 Type A
4. 3x Audio Jacks
5. 1x USB 3.2 Gen 2 Type-A / 1x RJ45 (2.5G) / 1x Kensington Lock
6. 1x USB 3.2 Gen 2x2 Type-C / 1x USB 3.2 Gen 2 Type-A
7. 1x DC in



Specification

Operating Systems	Windows	Windows 11 Pro
Processor	CPU model	Intel Core i7-12700F
	CPU Clock	2.1GHz
	CPU Cores	12
	CPU TDP	65W
	CPU Cache	25 MB Intel® Smart Cache
	CPU Threads	20
	CPU Cooling	Air cooling
Chipset	Motherboard Chipset	H610
Discrete Graphics	VGA I/O Port	HDMI,DPx3,EP8
	Graphics Card	GeForce RTX 3060 AERO ITX 12G
	Graphics Card VRAM	12G
Memory	Memory Capacity	16GB(16GB*1)
	Memory Type	DDR4 SDRAM
	Memory Speed	1600(3200)MHz
	Memory Module Form Factor	SO-DIMM
	Memory Slot (Total/Free)	2/1
	Memory Max Capacity	Max 64GB
Storage	Total SSD Storage Capacity	512GB
	Total HDD Storage Capacity	1TB*1
	M.2 Slot (1) Installed SSD	512GB*1
	M.2 Slot (1) Interface	PCIe GEN3x4 w/o DRAM NVMe
	M.2 Slot (1) Form Factor	M.2-2280 M-KEY
	M.2 slots (Total/Free)	1/0
	HDD (1) RPM	7200RPM
	HDD (1) Form Factor	2.5 inch 7mm
	HDD (1) Interface	SATA GEN3
	3.5" Drive Bays (Total/Free)	0/
	2.5" Drive Bays (Total/Free)	1/0
	ODD(Type)	N/A
	ODD Height	N/A
ODD Type	N/A	
Communications	LAN Controller	Intel I225-V
	Wireless LAN Controller	INTEL/AX211.NGWW.NV
	Wireless LAN standard	Wi-Fi 6E+BT
	Bluetooth Version	5.2

Audio	Audio Codec	Realtek ALC897
	Audio Support	7.1 Channel HD Audio
I/O Ports (Front)	USB 5Gbps (USB 3.2 Gen 1 Type-A)	2
	USB 10Gbps (USB 3.2 Gen 2 Type-C)	1
	Audio Mic-In (Front)	1
	Audio-Out (Front)	1
I/O Ports (Rear)	USB 10Gbps (USB 3.2 Gen 2 Type-A)	1
	USB 480Mbps (USB 2.0 Type A)	2
	LAN Ports (RJ45)	1
	Audio Jack Total (Rear)	3
Power	Rated Wattage	330W
	Efficiency Rating	N/A
	Form factor	N/A
	Power Supply Type	ADAPTOR
In The Box	Keyboard Interface	N/A
	Mouse Interface	N/A
	Power Cord	1
	AC Adaptor	1
	Warranty Card	N/A
	Quick Guide	1
	User Manual	N/A
	VESA Mount kit	N/A
	Keyboard	N/A
	Mouse	N/A
Regulatory Compliance	Storage Operating Temperature Range	0° C ~ 35° C ; -20° C ~ 60° C
	Storage Operating Humidity Range	0% ~ 85%;0% ~ 90%
	Certifications	FCC(Class B) CB/CE UL(CUL) BSMI VCCI RCM(C-Tick)
Dimension & Weight	Product Dimensions (WxDxH) (mm)	353.73 x 97.56 x 251.35
	Product Dimensions (WxDxH) (inch)	13.93 x 3.84 x 9.9
	Inside Carton Dimensions (WxDxH) (mm)	427 x 167 x 307
	Inside Carton Dimensions (WxDxH) (inch)	16.81 x 6.57 x 12.09
	Outer Carton Dimensions Standard (WxDxH) (mm)	569 x 233 x 336
	Outer Carton Dimensions Standard (WxDxH) (inch)	22.4 x 9.17 x 13.23
	Weight (Net kg)	3.4
	Weight (Gross kg)	6.6
Product Volume (Liters)	9.97	
Warranty	Warranty	36months
Barcode Info	EAN	4719072967925
	UPC	824142291023
	UCC14	10824142291020