

ASUS ExpertCenter D500SDCZ-712700018X Intel® Core™ i7 i7-12700 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro SFF PC Black

Brand : ASUS

Product family: ExpertCenter

Article code: 90PF03I1-
M006P0

Product name :
D500SDCZ-712700018X

ASUS ExpertCenter D500SDCZ-712700018X. Processor frequency: 2,1 GHz, Processor family: Intel® Core™ i7, Processor model: i7-12700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 300 W. Chassis type: SFF. Product type: PC. Weight: 5,5 kg. Product color: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Number of SATA III connectors	3
Processor family *	Intel® Core™ i7	Expansion slots	
Processor generation	12th gen Intel® Core™ i7	PCI Express x1 (Gen 3.x) slots	1
Processor model *	i7-12700	PCI Express x16 (Gen 3.x) slots	1
Processor cores	12	Design	
Processor boost frequency	4.9 GHz	Chassis type *	SFF
Processor frequency *	2.1 GHz	Colour name	Black
Processor cache	25 MB	Placement supported	Vertical
Bus type	DMI4	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	16 GB	Product colour *	Black
Maximum internal memory *	64 GB	Performance	
Internal memory type	DDR4-SDRAM	Market positioning	Business
Memory slots	2x DIMM	Motherboard chipset	Intel B660
Storage		Audio system	High Definition Audio
Total storage capacity *	512 GB	Audio output channels	7.1 channels
Storage media *	SSD	Password protection	✓
Optical drive type *	✗	Password protection type	HDD, User
Total SSDs capacity	512 GB	Product type *	PC
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Pro
SSD interface	PCI Express 3.0	Operating system architecture	64-bit
NVMe	✓	Processor special features	
SSD form factor	M.2	Intel 64	✓
Graphics		Enhanced Intel SpeedStep Technology	✓
Discrete graphics card *	✗		
On-board graphics card *	✓		

Graphics		Processor special features	
Discrete graphics card model *	Not available	Embedded options available	✗
On-board GPU manufacturer	Intel	Intel VT-x with Extended Page Tables (EPT)	✓
On-board graphics card model *	Intel UHD Graphics 770	Idle States	✓
Network		Intel Stable Image Platform Program (SIPP)	✓
Ethernet LAN *	✓	Intel Trusted Execution Technology	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Execute Disable Bit	✓
Cabling technology	10/100/1000Base-T(X)	CPU configuration (max)	1
Wi-Fi *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Intel Virtualization Technology (VT-x)	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Power	
Antenna type	2x2	Power supply *	300 W
Bluetooth	✓	80 PLUS certification	80 PLUS Platinum
Bluetooth version	5.0	Weight & dimensions	
Ports & interfaces		Width *	95 mm
USB 2.0 ports quantity *	4	Depth *	319 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height *	321 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Weight *	5.5 kg
VGA (D-Sub) ports quantity	1	Packaging content	
HDMI ports quantity *	1	Display included *	✗
HDMI version	1.4	Mouse included	✓
PS/2 ports quantity	2	Keyboard included	✓
Ethernet LAN (RJ-45) ports	1		
Microphone in	✓		
Headphone outputs	2		
Line-out	✓		
Line-in	✓		
Combo headphone/mic port	✓		



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