

MPN: WC-CU54

Cube 4 Bay Workstation with Intel Core Ultra 5 225, 16GB RAM, 500GB NVMe SSD, dual LAN (2.5GbE/1GbE), Wi-Fi 6E, 315W PSU, and Windows 11 Pro.

The Compact Cube 4 Bay Workstation is a versatile and space-efficient desktop solution designed for professional users, small business environments, and edge computing applications. Powered by the Intel Core Ultra 5 225 processor and equipped with 16GB DDR5 memory (2x8GB), it delivers responsive performance for everyday productivity, business applications, content creation, and multitasking workloads.



The system features a high-speed 500GB NVMe SSD, providing fast boot times, quick application launches, and reliable data access. Its 4-bay chassis offers expansion flexibility, while integrated Intel SATA RAID support enables RAID 0, 1, 5, and 10 configurations for improved data protection, performance, and storage resilience.

Connectivity is comprehensive, with both a 2.5GbE and 1GbE network interface for high-speed wired networking and seamless integration into existing infrastructures. Built-in Wi-Fi 6E support delivers fast, reliable wireless connectivity with access to the latest wireless spectrum for improved performance in crowded network environments.

Designed for reliable operation, the workstation is powered by a 315W power supply and comes pre-installed with Windows 11 Pro, providing advanced security features. Its compact cube form factor minimizes desk space requirements while maintaining excellent expandability and performance, making it an ideal choice for office, engineering, creative, and industrial applications.

- Space saving Cube form factor Product Dimensions: 276.1 x 210 x 230mm (DxWxH)
- Intel Core Ultra 5 225 CPU - 3.3-4.9GHz - 10C/10T
- 2x8GB Dual Channel DDR5 memory
- 500GB NVMe OS drive
- SATA RAID support via Intel RST
- Intel Graphics with 1x HDMI & 1x DisplayPort
- Dual Lan + WIFI: 1x 2.5GbE, 1x 1GbE + WIFI 6E
- Windows 11 Pro preinstalled
- To reduce waste only Euro CEE 7 to C13 power cables are included.

Specifications

Design	Chassis type	Cube
	Cooling type	Active
Expansion slots	Number of 3.5" bays	4
	Number of M.2 (M) slots	1
	PCI Express x16 (Gen 5.x) slots	1

Graphics	Discrete graphics card	No
	Graphics card family	Intel
	On-board GPU manufacturer	Intel
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card family	Intel® Graphics
	On-board graphics card model	Intel® Graphics
Memory	ECC	No
	Internal memory	16 GB
	Internal memory type	DDR5
	Maximum internal memory	128 GB
	Memory channels	Dual
	Memory data transfer rate	5600 MT/s
	Memory layout (slots x size)	2 x 8 GB
	Memory slots	2
	Non-ECC	Yes
Network	Bluetooth	Yes
	Bluetooth version	5.3
	Ethernet LAN	Yes
	Ethernet LAN data rates	1000, 2500 Mbit/s
	LAN controller	Dragon RTL8125BG, Intel® I219-V
	Number of antenna connectors	2
	Wi-Fi	Yes
	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Other features	Manufacturer warranty	3 Years
	Number of displays supported	2
	Number of HDDs supported	4
	Number of SATA connectors	4
Packaging content	Power cord included	Yes
Performance	BIOS type	UEFI AMI
	Motherboard chipset	B860
	Motherboard form factor	mini ITX
Ports & interfaces	DisplayPort version	1.4
	DisplayPorts quantity	1
	Ethernet LAN (RJ-45) ports	2
	HDMI ports quantity	1
	HDMI version	2.1
	Number of front USB ports	2
	Number of rear USB ports	8
	USB 2.0 ports quantity	6

Ports & interfaces	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
	USB 3.2 Gen 2x2 Type-C ports quantity	1
Power	Power supply	315 W
Processor	Efficient cores	4
	Efficient-core base frequency	2.7 GHz
	Efficient-core Max Turbo Frequency	4.4 GHz
	Performance cores	6
	Performance-core base frequency	3.3 GHz
	Performance-core boost frequency	4.9 GHz
	Processor cores	10
	Processor model	225
	Processor threads	10
Processor special features	Processor ARK ID	241070
Software	Compatible operating systems	Windows 11
	Operating system installed	Windows 11 Pro
	Operating system language	Multilingual
Storage	Number of SSDs installed	1
	NVMe	Yes
	RAID levels	0, 1, 5, 10
	RAID support	Yes
	SSD capacity	500 GB
	SSD form factor	M.2
	SSD interface	NVMe
	Total SSDs capacity	500 GB
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	3 Year(s)

Other images

