

MPN: WC-CU74R-HW

Compact 4-bay workstation with Intel Core Ultra 7, 16GB Memory, RAID 1 NVMe OS drives, HW RAID, dual LAN, Wi-Fi 6E, and Windows 11 Pro.

The Cube 4 Bay Workstation is a compact, high-performance business workstation designed to deliver reliable computing power, secure storage, and flexible connectivity for professional environments. Built around the latest Intel® Core™ Ultra 7 265 processor, this system provides the performance needed for demanding office applications, content creation, data analysis, software development, and multitasking-intensive workloads.



Equipped with 16GB of memory, the workstation ensures smooth day-to-day operation and responsive performance across multiple applications. For storage, it features two 500GB NVMe SSDs configured in RAID 1, providing both exceptional speed and enhanced data protection through real-time drive mirroring. This configuration helps safeguard critical business data while maintaining the fast boot and application load times expected from modern NVMe storage.

A dedicated 9361 hardware RAID controller delivers enterprise-grade storage management and reliability, offloading RAID processing from the CPU and ensuring robust performance for storage-intensive tasks. Combined with the 4-bay chassis design, the workstation offers future expansion possibilities as storage requirements grow.

Networking is equally versatile, featuring dual LAN connectivity with both 2.5GbE and 1GbE Ethernet ports, allowing users to benefit from faster network transfers, network segregation, or redundancy options. Integrated Wi-Fi 6E support provides next-generation wireless performance with access to the less congested 6 GHz spectrum, ensuring fast and stable wireless connectivity.

Powered by an efficient 315W power supply, the system balances performance and energy efficiency while maintaining reliable operation. The workstation comes pre-installed with Microsoft Windows 11 Pro, offering advanced security, management, and productivity features suitable for modern business environments.

- Space saving Cube form factor Product Dimensions: 276.1 x 210 x 230mm (DxWxH)
- Intel Core Ultra 7 265 CPU - 2.4-5.3GHz - 20C/20T
- 2x8GB Dual Channel DDR5 memory
- 2x 500GB NVMe OS drive in RAID1
- Broadcom 9361 HW RAID controller
- 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
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Design	Cooling type	Active
Expansion slots	Number of 3.5" bays	4
	Number of M.2 (M) slots	2
	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
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

Ports & interfaces	HDMI version	2.1
	Number of front USB ports	2
	Number of rear USB ports	8
	USB 2.0 ports quantity	6
	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	12
	Efficient-core base frequency	1.8 GHz
	Efficient-core Max Turbo Frequency	4.6 GHz
	Performance cores	8
	Performance-core base frequency	2.4 GHz
	Performance-core boost frequency	5.3 GHz
	Processor cores	20
	Processor model	265
	Processor threads	20
Processor special features	Processor ARK ID	241068
Software	Compatible operating systems	Windows 11
	Operating system installed	Windows 11 Pro
	Operating system language	Multilingual
Storage	Number of SSDs installed	2
	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	1 TB
Vendor information	Brand Name	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	3 Year(s)

Other images

