MPN: WD-RU7-R50

Desktop Workstation. Core Ultra 7 265, 16GB, 1TB NVMe, RTX 5050, 1x 2.5GbE, W-Fi 7, 1x 550W, Windows 11 Pro

Featuring Intel Core Ultra CPUs Ernitec Workstation Series offers powerful performance at cost effective price points.

- Intel Core Ultra 7 265 - 20C/20T 2.4-5.3GHz
- 16GB DDR5 - 5600MT
- 1TB PCIe 4.0 NVMe OS drive
- RTX 5050 8GB with 4 outputs
- Windows 11 Pro
- Small Tower / Desktop formfactor
- Single 550W GOLD+ PSU
- To reduce waste only Euro CEE 7 to C13 power cables are included.



Specifications

Battery	**Battery Weight (g)**	3 g
	Lithium Weight (g)	0.065 g
Design	**Chassis type**	Slim Desktop/Tower
	Number of 2.5" bays	2
	Placement supported	Horizontal/Vertical
	Product colour	Black
Expansion slots	**PCI Express x16 slots**	1
Graphics	**Discrete GPU manufacturer**	NVIDIA
	Discrete graphics card	Yes
	Discrete graphics card memory	8 GB
	Discrete graphics card model	RTX 5050
	Discrete graphics memory type	GDDR6
	Graphics card DisplayPorts quantity	2
	Graphics card HDMI ports quantity	2
	Number of discrete graphics cards	1
	Number of displays supported (on-board graphics)	2
	On-board GPU manufacturer	Intel
	On-board graphics adapter ID	Intel Graphics
	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

Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Denmark
	EU ECCN Code	N/A
	Tariff No.	8471490000
	UNSPSC Code	43211507
	US ECCN Code	5A992C
Memory	**ECC**	No
	Internal memory	16 GB
	Internal memory type	DDR5
	Maximum internal memory	128 GB
	Memory channels	Dual-channel
	Memory clock speed	5600 MHz
	Memory layout (slots x size)	1 x 16 GB
	Memory slots	2
	Supported memory types	DDR5-SDRAM
Network	**Bluetooth**	Yes
	Bluetooth version	5.4
	Ethernet LAN	Yes
	Ethernet LAN data rates	2500 Mbit/s
	LAN controller	Intel I225-V
	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
	Wake-on-LAN ready	Yes
	Wi-Fi	Yes
	Wi-Fi standards	Wi-Fi 7 (802.11be)
Neural processor unit (NPU)	**AI software frameworks supported by NPU**	OpenVINO, Windows ML, DirectML
	Neural processor unit (NPU)	Intel AI Boost
Other features	**Ethernet interface type**	2.5 Gigabit Ethernet
	Form factor	Mini Tower / Desktop
	Graphics card	Nvidia RTX 5050
	Graphics card family	NVIDIA, Intel
	Number of displays supported	4
	Number of SATA connectors	4
	Rack mounting	No
	Warranty period	3 year(s)
Package dimensions	**Depth (package,cm)**	54 cm
	Gross Weight (Package, kg)	8 kg
	Height (package,cm)	53 cm
	Width (package,cm)	31 cm
Packaging content	**Cables included**	Power
	Power cord included	Yes

Performance	**Audio output channels**	7.1 channels
	BIOS memory size	256 Mbit
	BIOS type	UEFI AMI
	Motherboard chipset	B860
	Motherboard form factor	mini ITX
	Product type	Workstation
	Trusted Platform Module (TPM)	Yes
	Trusted Platform Module (TPM) version	2.0
Ports & interfaces	**DisplayPort version**	2.1b
	DisplayPorts quantity	2
	HDMI ports quantity	2
	HDMI version	2.1
	Intel® Thunderbolt 4	Yes
	Number of front USB ports	3
	Number of rear USB ports	8
	Thunderbolt 4 ports quantity	1
	USB 2.0 ports quantity	2
	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	5
	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Power	**80 PLUS certification**	80 PLUS Gold
	Power supply	550 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 Max Turbo Frequency	5.3 GHz
	Processor base power	65 W
	Processor cache	30 MB
	Processor cache type	Smart Cache
	Processor cores	20
	Processor family	Core Ultra
	Processor frequency	5.3 GHz
	Processor manufacturer	Intel
	Processor model	265
	Processor socket	LGA 1851 (Socket V1)
	Processor threads	20
Processor special features	**Processor ARK ID**	241068

Product dimensions	**Net Weight (Product, kg)**	7 kg
	Product Depth	43 cm
	Product Height	48 cm
	Product Width	21 cm
Software	**Compatible operating systems**	Windows 11
	Operating system installed	Windows 11 Pro
	Operating system language	Multilingual
Storage	**Number of SSDs installed**	1
	NVMe	Yes
	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





