MPN: SC-E54-A4

Cube 4 Bay Server: Xeon 2456, 16GB RAM, 500GB, A400, 2×1GbE, IPMI, TPM, 315W PSU, Win11 Pro – compact, secure, and high-performing.

A compact and powerful server solution featuring an Intel Xeon 2456 processor, 16GB of RAM, and 500GB SSD. Nvidia A400 GPU with 4x mDP outputs. It offers robust connectivity via 2×1GbE network ports and includes advanced management capabilities through IPMI and TPM security. Powered by a single 315W PSU and running Windows 11 Pro, this server is ideal for small to medium-sized business applications requiring reliability and performance in a space-efficient form factor.



- Space saving Cube form factor
- Intel Xeon E-2456 CPU - 3.3-5.1GHz - 6C/12T
- 16GB DDR5 (2x8GB)
- Nvidia A400 with 4x mDP outputs
- 2x 1GbE + dedicated IPMI NIC
- Support for up to 4x 3.5" HDDs with software RAID support
- Windows 11 Pro preinstalled
- To reduce waste only Euro CEE 7 to C13 power cables are included.

Specifications

Battery	**Battery Weight (g)**	2.5 g
	Lithium Weight (g)	0.007 g
Certificates	**NDAA Compliance**	Yes
Design	**Chassis type**	Cube
	Cooling type	Active
	Product colour	Black
	Rack mounting	No
Expansion slots	**PCI Express x16 (Gen 4.x) slots**	1
Graphics	**Discrete graphics card**	Yes
	Discrete graphics card memory	4 GB
	Discrete graphics card model	Nvidia A400
	Number of displays supported (on-board graphics)	1
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card model	Aspeed AST2600
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Denmark
	EU ECCN Code	N/A

Legal Information	**Tariff No.**	8471490000
	UNSPSC Code	43211501
	US ECCN Code	5A992C
Memory	**Buffered memory type**	Unregistered (unbuffered)
	ECC	Yes
	Internal memory	16 GB
	Internal memory type	DDR5 ECC UDIMM
	Maximum internal memory	64 GB
	Memory data transfer rate	4400 MT/s
	Memory layout (slots x size)	2 x 8 GB
	Memory slots	2
Network	**Ethernet interface type**	Gigabit Ethernet
	LAN controller	Intel® I210-AT
	Number of LAN controllers	2
Other features	**Integrated BMC with IPMI**	Yes
	Integrated LAN	Yes
	RAID controller type	Software
	Warranty period	3 year(s)
Package dimensions	**Depth (package,cm)**	33 cm
	Gross Weight (Package, kg)	6 kg
	Height (package,cm)	39 cm
	Width (package,cm)	29 cm
Performance	**Trusted Platform Module (TPM)**	Yes
	Trusted Platform Module (TPM) version	2.0
Ports & interfaces	**Mini DisplayPorts quantity**	4
	USB 2.0 ports quantity	2
	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
	VGA (D-Sub) ports quantity	1
Power	**Number of main power supplies**	1
Processor	**Cache internal**	18 MB
	Motherboard chipset	C262
	Performance cores	6
	Performance-core base frequency	3.3 GHz
	Performance-core Max Turbo Frequency	5.1 GHz
	Processor cores	6
	Processor manufacturer	Intel

Processor	**Processor model**	E-2456
	Processor threads	12
Product dimensions	**Net Weight (Product, kg)**	5 kg
	Product Depth	27.6 cm
	Product Height	23 cm
	Product Width	21 cm
Software	**Operating system installed**	Windows 11 Pro
	Operating system language	Multilingual
Storage	**Number of HDDs supported**	4
	Number of SSDs installed	1
	Number of SSDs supported	2
	SSD capacity	500 GB
	SSD size	2.5"
	Supported HDD sizes	2.5, 3.5 "
Technical details	**Number of 3.5" bays**	4
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	5 Year(s)

Other images



