

MPN: SERVER-BX-I5-16-C4-HW

i5-12400, 16GB, 500GB NVMe, HWRAID, 1x 2.5GbE, 1x 1GbE, 1x 350W, Win11 Pro

Featuring Intel 12th Gen Core CPUs Ernitec Base Server Series offers powerfull performance at cost effective price points.

- 12th Gen Intel Core i5 12400 - 6C/12T 2.5-4.4GHz
- 16GB DDR4
- 500GB NVMe OS drive
- Hardware RAID Controller with RAID5 & RAID6 Support
- Windows 11 Pro
- Cube formfactor
- Single 350WPSUs
- To reduce waste only Euro CEE 7 to C13 power cables are included.



Specifications

Design	Chassis type	Cube
	Product series	Base Servers
	Rack mounting	No
	Rack rails	No
Expansion slots	PCI Express x16 (Gen 4.x) slots	1
Graphics	Discrete graphics card	No
	On-board graphics card 4K support	Yes
	On-board graphics card model	Intel UHD Graphics 730
Memory	Buffered memory type	Unregistered (unbuffered)
	ECC	No
	Internal memory	16 GB
	Internal memory type	DDR4
	Memory clock speed	4400 MHz
	Memory layout (slots x size)	2 x 8 GB
	Memory slots	2
Network	Ethernet interface type	Gigabit Ethernet, 2.5 Gigabit Ethernet
	Ethernet LAN	Yes
	LAN controller	Intel I225-LM, Intel I210AT
	Wake-on-LAN ready	Yes
Other features	Controller type	Broadcom 9361 HW RAID Controller
	Drive bays	4
	Form factor	Cube
	Hot-swap HDD bays	Yes
	Integrated BMC with IPMI	No

Other features	Intel® Virtualization Technology (Intel® VT)	Yes
	Memory slots (available)	2
	Number of DIMM slots	2
	Number of drive bays	4
	Number of SATA connectors	5
	RAID controller type	Hardware RAID
	S.M.A.R.T. support	Yes
Packaging content	Keyboard included	No
	Mouse included	No
Performance	BIOS type	UEFI
	On-site support	No
	Remote administration	NO
	Trusted Platform Module (TPM)	Yes
	Trusted Platform Module (TPM) version	2.0
Ports & interfaces	DisplayPorts quantity	2
	Ethernet LAN (RJ-45) ports	2
	HDMI ports quantity	2
	Power cables quantity	1
Power	Number of main power supplies	1
	Number of power supply units	1
	Power supply	350 W
Processor	Motherboard chipset	Intel Q670E
	Performance cores	6
	Performance-core base frequency	2.50 GHz
	Processor cache type	Smart Cache
	Processor cores	6
	Processor family	Intel Core i5
	Processor frequency	4.3 GHz
	Processor generation	12th gen Intel® Core™ i5
	Processor manufacturer	Intel
	Processor model	i5-12400
	Processor socket	LGA 1700
	Processor threads	12
	Thermal Design Power (TDP)	65 W
Processor special features	Enhanced Intel SpeedStep Technology	Yes
	Intel Virtualization Technology (VT-x)	Yes
	Intel Virtualization Technology for Directed I/O (VT-d)	Yes

Processor special features	Intel VT-x with Extended Page Tables (EPT)	Yes
	Intel® Active Management Technology (Intel® AMT)	Yes
	Intel® Hyper Threading Technology (Intel® HT Technology)	Yes
	Intel® Quick Sync Video Technology	Yes
	Intel® Smart Cache	Yes
	Processor ARK ID	134586
Software	Compatible operating systems	Windows 10/11, Windows Server 2022/2025
Storage	Number of HDDs supported	4
	RAID controller cache	1 GB
	RAID levels	0, 1, 5, 6, 5+HS, 6+HS, 10, 10+HS, JBOD
	RAID support	Yes
	SSD capacity	500 GB
	SSD interface	NVMe
	SSD size	M.2
	Supported HDD sizes	3.5, 2.5 "
	Terabytes written (TBW)	300
Technical details	2.5" HDD support	2
	3.5" HDD support	4
	Number of 3.5" bays	4
	Number of storage drives supported	4
	Supported RAID configuration	RAID0, RAID1, RAID5, RAID6, RAID10 & HS
	Warranty period	5 year(s)
Vendor information	Brand Name	Ernitec
	Warranty	2 Year(s)

Other images

