

CyberServe EPYC H242-Z11 Quad Node 2U Server

2U Quad Node, Supports 5G Network Infrastructure, 4x 2.5" NVMe Hot-swappable SSD Drive Bays, 8x M.2 with PCIe Gen3 x4 interface, 8x Low Profile PCIe x16 Expansion Slots, Short Depth.

Dear , If you would like any further information on the CyberServe EPYC H242-Z11 Quad Node 2U Server, or if you would like to discuss your quote, don't hesitate to call your Broadberry account manager on 020 8997 6000 and quote reference "PDBC56511", or simply reply to this email.

What Now?

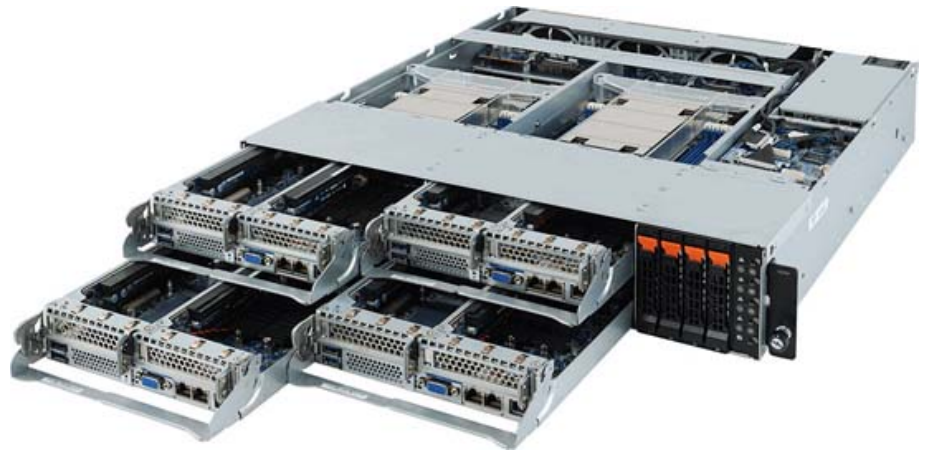
1. Call 020 8997 6000
2. Ask For Bill Carless
3. Quote Reference PDBC56511

RRP: £94,483.11

Ex. VAT

£75,586.49

Buy Now



**BEST PRICE
GUARANTEED**

We won't be beaten on price! We're so confident in our fantastic value, we guarantee you won't find the same spec at this price elsewhere!

further information

<https://www.broadberry.co.uk/single-amd-epyc-7003-series-rackmount-servers/h242-z11-amd-epyc-four-node-short-depth-front-io>

System Summary

Gigabyte Servers	Gigabyte H242-Z11 - 2U - AMD EPYC - 4x NVMe - 8x 1GbE LAN - 1200W Redundant
Processor	4x AMD EPYC 7763 - 64 Cores 2.45GHz/3.5GHz, 256MB Cache (280Watt)
Memory	32x 128GB 3200MHz DDR4 ECC LR DIMM Module
M.2 Internal Solid State Drives	4x 250GB Samsung 970 EVO PLUS NVME M.2 SSD
Network Adaptor Module (Dedicated Motherboard Expansion Slot)	4x 2x SFP28 LAN ports, Supports 25Gb/s per port, Marvell FastLinQ QL4102-A2G - OCP Dedeciated Adapter
Total Price:	£75,586.49
Lease From:	£1,598.65 per month over 5 years, or £2,470.17 over 3 years.

Bank Details:

Broadberry Data Systems Ltd, NATWEST West Ealing, 162 Uxbridge Road, London, W13 8JL
Account No: 40248933, Branch Sort-Code: 60-23-13, IBAN: GB10 NWBK 6023 1340 2489 33



Your Configured System Specifications

Gigabyte H242-Z11 - 2U - AMD EPYC - 4x NVMe - 8x 1GbE LAN - 1200W Redundant

4x AMD EPYC 7763 - 64 Cores 2.45GHz/3.5GHz, 256MB Cache (280Watt)

Features	
Maximum number of PCI Express lanes	128
PCI Express slots version	4.0
Memory	
Memory bandwidth (max)	204.8 GB/s
Memory channels	Octa-channel
Memory clock speeds supported by processor	3200 MHz
Memory types supported by processor	DDR4-SDRAM

Processor	
L3 cache speed	280 GHz
Processor base frequency	2.45 GHz
Processor boost frequency	3.5 GHz
Processor cache	256 MB
Processor cache type	L3
Processor cores	64

Processor family	AMD EPYC
Processor manufacturer	AMD
Processor model	7763
Processor socket	Socket SP3
Processor threads	128
Thermal Design Power (TDP)	280 W

32x 128GB 3200MHz DDR4 ECC LR DIMM Module

Features	
Buffered memory type	Load reduced
CAS latency	24
Certification	REACH
ECC	Y
Internal memory	128 GB
Internal memory type	DDR4
Lead plating	Gold

Memory clock speed	2933 MHz
Memory form factor	288-pin DIMM
Memory voltage	1.2 V
Module configuration	16384M x 72

Operational conditions	
Operating temperature (T-T)	0 - 95 °C

Technical details	
-------------------	--

Sustainability certificates	
RoHS	

Weight & dimensions	
Depth	3.9 mm
Height	31.4 mm
Width	133.5 mm

4x 250GB Samsung 970 EVO PLUS NVME M.2 SSD

Features	
Controller type	Samsung Phoenix
DevSlp (device sleep) support	Y
Hardware encryption	Y
Interface	PCI Express 3.0
Mean time between failures (MTBF)	1500000 h
Memory type	V-NAND MLC
NVMe	Y
NVMe version	1.3
PCI Express interface data lanes	x4
Random read (4KB)	250000 IOPS
Random write (4KB)	550000 IOPS

Read speed	3500 MB/s
S.M.A.R.T. support	Y
Security algorithms	256-bit AES
SSD capacity	250 GB
SSD form factor	M.2
TRIM support	Y
Write speed	2300 MB/s

Operational conditions	
Operating temperature (T-T)	0 - 70 °C

Packaging data	
Bundled software	Magician Software for SSD management

Power	
Package type	Box
Operating voltage	3.3 V
Power consumption (average)	5 W
Power consumption (idle)	0.003 W
Power consumption (max)	8 W

Weight & dimensions	
Depth	2.38 mm
Height	22.1 mm
Weight	8 g
Width	80.2 mm

4x 2x SFP28 LAN ports, Supports 25Gb/s per port, Marvell FastLinQ QL4102-A2G - OCP Dedeciated Adapter



Bank Details:

Broadberry Data Systems Ltd, NATWEST West Ealing, 162 Uxbridge Road, London, W13 8JL
Account No: 40248933, Branch Sort-Code: 60-23-13, IBAN: GB10 NWBK 6023 1340 2489 33

CyberServe EPYC EP1-H242-Z11 Quad Node 2U Server features



3 Years Warranty as Standard

Buy with confidence knowing all Broadberry CyberServe rack servers are backed up by our 3 year warranty, with further warranty upgrade options available.



Trusted CyberServe Server Platform

The Broadberry range of CyberServe® rackmount are trusted as the server of choice for thousands of companies from SMBs to enterprise's across the globe.



Supports SATA Drives

This system can be configured with SATA drives for cost-effective 12gb/s storage.



Supports NVMe Drives

This system can be configured with NVMe drives, which are capable of significantly better performance than SATA and SAS.



Small Form Factor Storage

The CyberServe EPYC EP1-H242-Z11 Quad Node 2U Server boasts high density storage and ultimate energy efficiency, catering for up to 4x High-Performance 2.5" SSD or Hard Drives



AMD EPYC 7003 Processors

This system is powered by the ground-breaking, high security, high-performance AMD EPYC Rome 7003 series processor family.



High Performance CPU

Virtually everything runs better on record-breaking AMD EPYC 7003 Series powered servers.



Featuring Airtight Security

AMD EPYC is Hardened at the Core with advanced security features and is the first server CPU with an integrated & dedicated security processor.

Bank Details:

Broadberry Data Systems Ltd, NATWEST West Ealing, 162 Uxbridge Road, London, W13 8JL
Account No: 40248933, Branch Sort-Code: 60-23-13, IBAN: GB10 NWBK 6023 1340 2489 33



Dedicated Account Manager

You'll get your own dedicated account manager who's available to you at all times.

3 Year Warranty

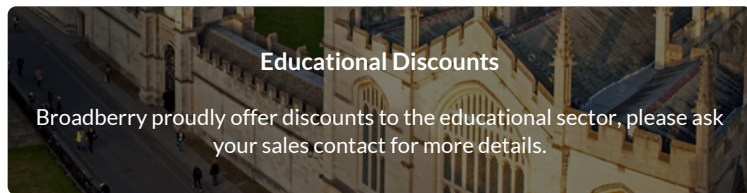
We take customer service very seriously, that's why we offer 3 years warranty as standard.

Industry Leading Support

Should you need any help, our technical support department are always here to help.

Best Price Guarantee

We're so confident in our great value server and storage solutions, we offer a guarantee!



Disclaimer
 Prices for products are subject to change without notice and do not include shipping charges unless otherwise stated. Prices quoted cannot be guaranteed to be accurate until reviewed and accepted by Broadberry and are intended for same-day purchase. Consequently, prices and special offers are subject to change or expire without notice. Broadberry Data Systems shall not be responsible for typographical or other errors or omissions regarding prices or any other information. The system configuration information on this page is presented for your convenience only. Due to the vast number of different possible combinations of components and software and the possibility of unexpected unworkable configuration limitations and incompatibilities, in the event that a displayed system configuration must be modified in order to build a properly functioning computer system, Broadberry shall not be held responsible for any additional costs of reconfiguration of a system design and any additional costs of reconfiguration shall be the responsibility of purchaser. Please note that computer system pictures may not reflect the actual configuration chosen. Enterprise-class hard drives are recommended for critical data storage.

Terms and Conditions of Sale
 All goods and/or services supplied are in accordance with our standard terms and conditions of trade which can be read in full at www.broadberry.co.uk/broadberry_terms.pdf. All goods/services are supplied on either an approved credit account subject to status or cleared funds with order. No goods can be ordered on finance/lease agreements unless agreed by us in writing prior to goods/services being despatched