



## Red Barn Golem 2U Dual Xeon v3, 12 Bay (4 NVMe) 32DIMM

From: **\$7,843.00**

3rd Gen. Intel® Xeon® Scalable DP Server System – 2U 12-Bay Gen4 NVMe | Application: **Networking**

- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 32 x DIMMs
- Supports Intel® Optane™ Persistent Memory 200 series
- Dual ROM Architecture supported
- Supports RAID SupremeRAID NVMe/NVMe-oF RAID Card
- Intel® C621A Express Chipset
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x Dedicated management port
- 8 x 3.5" or 2.5" SATA/SAS hot-swappable HDD/SSD bays
- 4 x 3.5" or 2.5" SATA/SAS/Gen4 NVMe hot-swappable HDD/SSD bays
- 2 x 2.5" SATA/SAS hot-swappable HDD/SSD bays in rear side
- 8 x PCIe Gen4 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 1 x OCP 2.0 Gen3 x8 mezzanine slot
- 1600W (240V) 80 PLUS Platinum redundant power supply

### Description

3rd Gen. Intel® Xeon® Scalable DP Server System – 2U 12-Bay Gen4 NVMe | Application: HPC/General Purpose

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## Bare Server

### Gigabyte R282-3C2

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## STEP 1: Processor Options

Select Your Option:

Intel Xeon Gold 6326 16-Core 2.9 GHz 24MB Cache

### Intel Xeon Gold 6326 16-Core 2.9 GHz 24MB

#### Cache × 2



- 3rd Generation Intel Xeon – Optimized for Highest Per-Core Scalable Performance
- Total Threads 16
- Max Turbo Frequency 3.5 GHz
- Base Frequency 2.9 GHz
- Cache 24MB
- Intel UPI Speed 11.2 GT/s
- # of UPI Links 3
- TDP 185 W

## STEP 2: RAM Options

Select Your Option:

16GB DDR4 3200MHz ECC/REG

### 16GB DDR4 3200MHz ECC/REG × 8

8



## STEP 3: 2.5 SATA SSD Options

### Enterprise SSD SATA 2.5 Inch



Storage Capacity \*

240GB

\$110.00 each

0

## STEP 4: 3.5" Enterprise HD Options

Select Your Option:

No 3.5" Enterprise HD Options

## STEP 5: U.2/U.3 NVMe SSD Options

Select Your Option:

No U.2/U.3 NVMe SSD Options

## STEP 6: Networking (Dual Gigabit Default)

Select Your Option:

Intel X710-DA2 Dual 10GbE SFP+ Networking Card – \$295.00

### Intel X710-DA2 Dual 10GbE SFP+ Networking Card

Intel continues its history of Ethernet leadership by introducing the latest 10 gigabit family of adapters, powered by the Intel® Ethernet Controller X710.

The Intel® Ethernet Converged Network Adapter X710 family addresses the demanding needs of the next-generation agile data center, by providing unmatched features for virtualization, flexibility for LAN and SAN networking, and proven, reliable performance.

The family of adapters deliver superior performance up to 80 Gb/s (40 Gb/s Tx; 40 Gb/s Rx) bi-directional throughput (quad-port adapter required), in a PCI Express v3.0 x8 slot.



\$295.00

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## STEP 7: Storage Controller-(use 16Pt for 12 Ent. HD's)

Select Your Option:

No Storage Controller-(use 16Pt for 12 Ent. HD's)

## STEP 8: CacheVault Module

Select Your Option:

No CacheVault Module

## STEP 9: Operating System

Select Your Option:

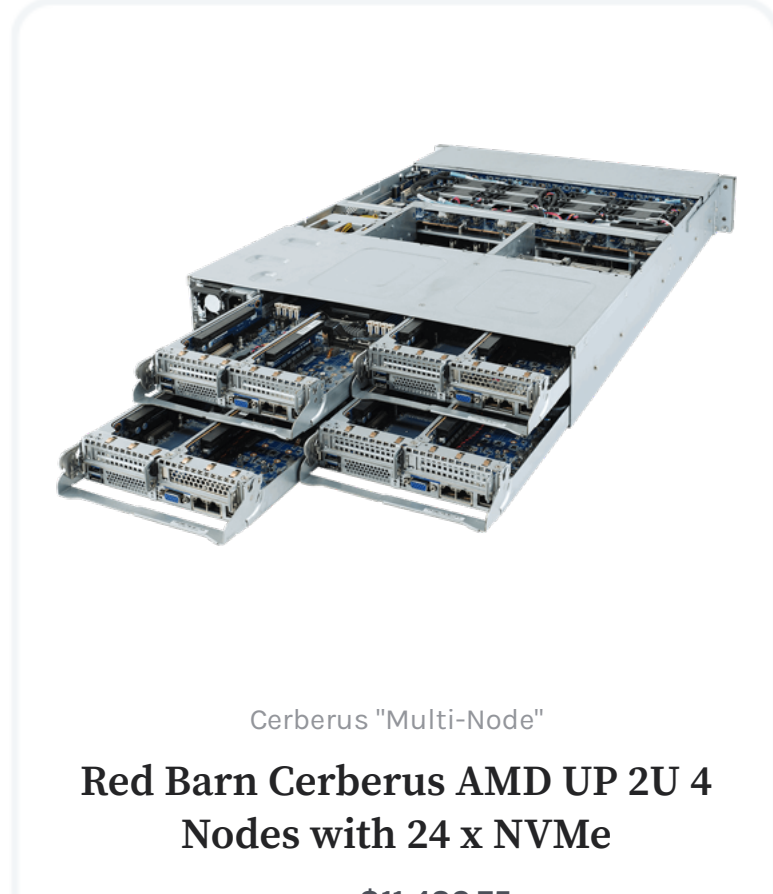
No Operating System

## STEP 10: Warranty

Select Your Option:

No Warranty

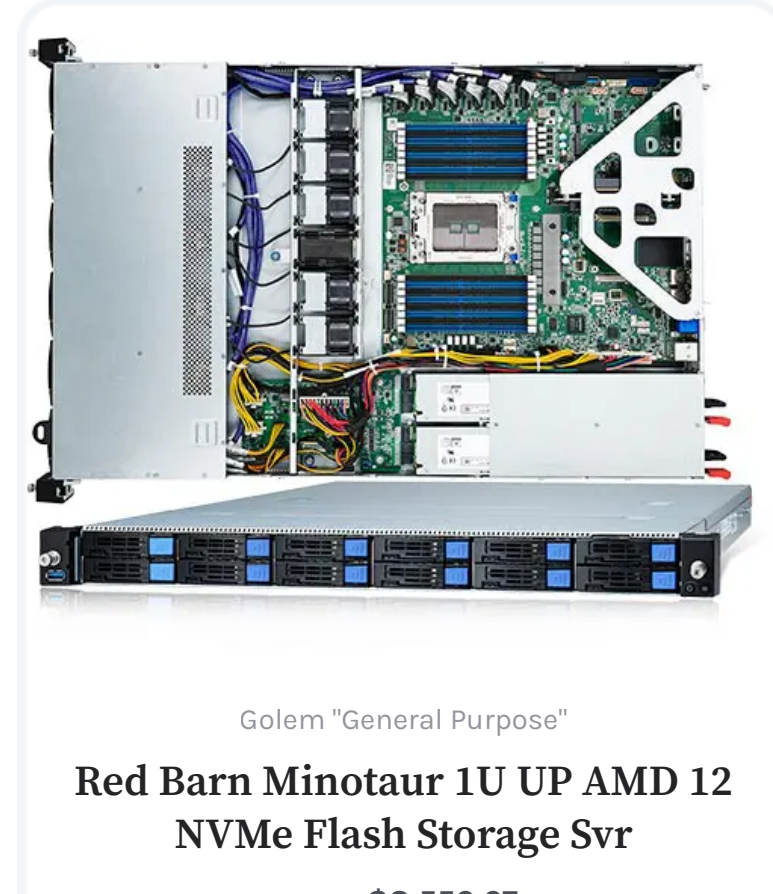
## Related products



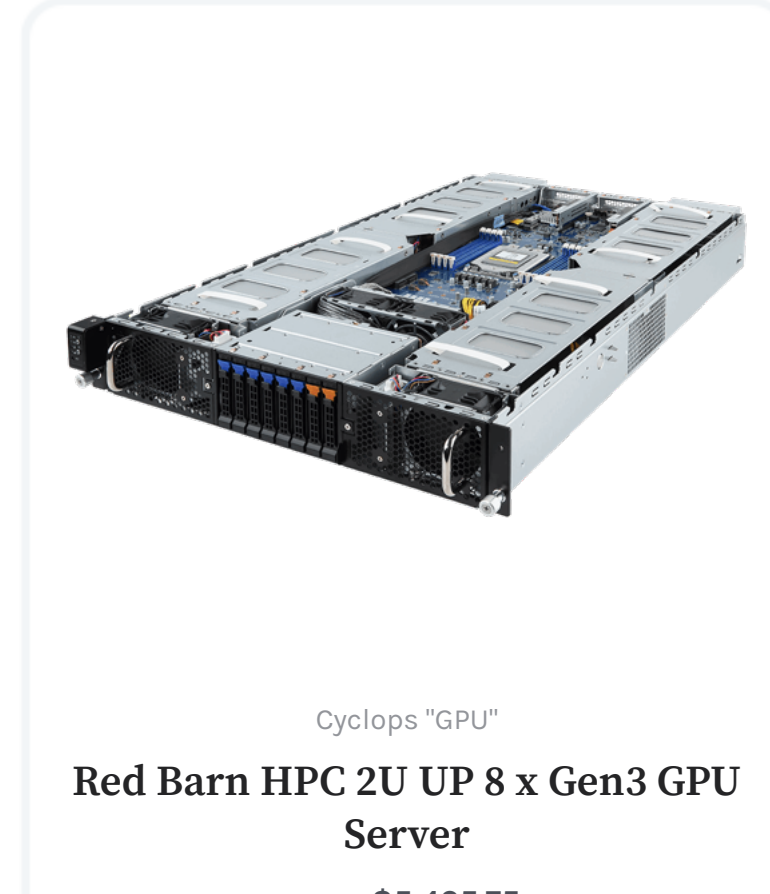
Cerberus "Multi-Node"  
**Red Barn Cerberus AMD UP 2U 4 Nodes with 24 x NVMe**  
FROM: **\$11,432.75**



Minotaur "Storage"  
**Red Barn Minotaur 2U UP AMD 7003 Hybrid Storage Svr**  
FROM: **\$3,789.67**



Golem "General Purpose"  
**Red Barn Minotaur 1U UP AMD 12 NVMe Flash Storage Svr**  
FROM: **\$8,550.67**



Cyclops "GPU"  
**Red Barn HPC 2U UP 8 x Gen3 GPU Server**  
FROM: **\$5,405.75**