

Equus 2U Rack Servers

INTEL XEON 5TH GEN · 2U FAMILY

Five 2U platforms, one Intel Xeon 5 5th Gen architecture. DDR5 ECC up to 1TB, 8 to 24 hot-swap SAS/SATA bays, NVIDIA RTX expansion, and 1Gb to 100Gb networking — sized for storage, virtualization, and AI-ready workloads in the rack.



Single Xeon 5 Gen 5
Up to 12 SAS/SATA bays
1200W redundant · 5 PCIe

R2480

STORAGE / EDGE



Single Xeon 5 Gen 5
8 SAS/SATA bays
1200W redundant · 6 PCIe

R2481

COMPUTE / EDGE



Dual Xeon 5 Gen 5
8 SAS/SATA bays
800W redundant · 6 PCIe

R2680

VIRTUALIZATION



Dual Xeon 5 Gen 5
Up to 12 SAS/SATA bays
1200W redundant · 6 PCIe

R2780

STORAGE / VIRT



Dual Xeon 5 Gen 5
Up to 24 SAS/SATA bays
1200W redundant · 6 PCIe

R2880

HIGH-DENSITY / AI

Features

- Intel Xeon 5th Gen – single or dual-socket across all five
- DDR5 ECC memory up to 1TB plus M.2 NVMe boot
- Hot-swap SAS/SATA bays – 8, 12, or 24 depending on model
- 5 – 6 PCIe slots with NVIDIA RTX GPU support for AI inference
- Dual 1GbE standard · optional Intel/Broadcom 100GbE
- 800W or 1200W redundant PSU · rail kit · up to 5-yr warranty

Configuration Matrix

SPECIFICATION	R2480	R2481	R2680	R2780	R2880
Processor	Single Xeon 5 Gen 5	Single Xeon 5 Gen 5	Dual Xeon 5 Gen 5	Dual Xeon 5 Gen 5	Dual Xeon 5 Gen 5
Memory OPT	Up to 1TB DDR5 ECC	Up to 1TB DDR5 ECC	Up to 1TB DDR5 ECC	Up to 1TB DDR5 ECC	Up to 1TB DDR5 ECC
M.2 NVMe	1× M.2 boot	1× M.2 boot	1× M.2 boot	1× M.2 boot	1× M.2 boot
Hot-swap drives	Up to 12× SAS/SATA	8× SAS/SATA	8× SAS/SATA	Up to 12× SAS/SATA	Up to 24× SAS/SATA
RAID	Hardware	Hardware	Hardware	Hardware	Hardware
Expansion	5× PCIe (4×16, 2×8)	6× PCIe (4×16, 2×8)	6× PCIe (4×16, 2×8)	6× PCIe (4×16, 2×8)	6× PCIe (4×16, 2×8)
LAN	2× 1GbE Intel i210	2× 1GbE Intel i210	2× 1GbE Intel i210	2× 1GbE Intel i210	2× 1GbE Intel i210
Network OPT	1Gb – 100Gb	1Gb – 100Gb	1Gb – 100Gb	1Gb – 100Gb	1Gb – 100Gb
GPU OPT	NVIDIA RTX	NVIDIA RTX	NVIDIA RTX	NVIDIA RTX	NVIDIA RTX
Remote management	IPMI	IPMI	IPMI	IPMI	IPMI
Operating system OPT	Windows / Linux	Windows / Linux	Windows / Linux	Windows / Linux	Windows / Linux
Optical drive OPT	—	—	Yes	—	—
Rack D-W-H	25.5 × 17.2 × 3.5"	28.4 × 17.2 × 3.4"	25.5 × 17.2 × 3.5"	25.5 × 17.2 × 3.5"	25.5 × 17.2 × 3.5"
Rail kit	Included	Included	Included	Included	Included
Power supply	1200W redundant	1200W redundant	800W redundant	1200W redundant	1200W redundant
Warranty OPT	Up to 5 yr · depot/onsite	Up to 5 yr · depot/onsite	Up to 5 yr · depot/onsite	Up to 5 yr · depot/onsite	Up to 5 yr · depot/onsite

TECHNOLOGY PARTNERS

EQUUS is an independent compute manufacturer and systems integrator. Utilizing the best technology partners:



Use Cases

01 SQL Database Redundant Servers

High-availability database tier with primary, redundant, and reporting nodes — keeps transactional workloads online through failover and maintenance.

02 From Legacy Data Center to Private Cloud

Consolidate aging fleets into a high-density virtualization platform — fewer racks, lower power, pooled compute for VMs and AI workloads.

03 Active/Standby DR Solution with Direct Data Replication

Mirrored primary and DR sites with continuous replication — keeps VMs, databases, and applications recoverable across failure scenarios.

WHY EQUUS

More than a server —
a strategic compute partner.

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| <ul style="list-style-type: none">• Comprehensive product portfolio — Desktop to edge, all under one roof• Custom integration — Configs, imaging, branding, and packaging built to spec• Partner-first approach — 100% B2B with dedicated channel account teams | <ul style="list-style-type: none">• Fast lead times, unbeatable value — Custom servers ship in days, not weeks• Secure partner portal (HUB) — Quoting, ordering, and RMA management in one place• Made in the USA — 100% employee-owned ESOP for quality and reliability |
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