



Fujitsu PRIMERGY GX2580 M8s

8x B300 Blackwell Ultra rack

OVERVIEW

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Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	B300 SXM 288GB
Count	8
Memory per GPU	288 GB
Bandwidth per GPU	8.0 TB/s

POWER & EFFICIENCY

Aggregate Power	—
TDP per GPU	1400 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

Vendor: Fujitsu	Family: PRIMERGY GX	Architecture: Blackwell Ultra
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

One NVIDIA SXM HGX B300 8-GPU baseboard integrating eight Blackwell Ultra SXM modules with high-speed interconnect; scale-out is eight NVIDIA ConnectX-8 OSFP 800GbE ports, alongside two 10GbE RJ45 on an Intel X710

NOTES

Fujitsu's Blackwell Ultra machine, built on one NVIDIA SXM HGX B300 8-GPU baseboard integrating eight Blackwell Ultra SXM modules. Networking is the notable part: eight NVIDIA ConnectX-8 OSFP ports at 800GbE apiece, one per accelerator, so scale-out matches the baseboard rather than bottlenecking it. Hosting is two Intel Xeon 6700 or 6500P processors reaching 86 cores and 172 threads, with 32 DIMM slots taking up to 8 TB of DDR5-6400. Storage is eight hot-plug E1.S NVMe bays holding up to 123 TB plus two M.2 devices, and there are two front full-height half-length PCIe 5.0 x16 slots. The 8U chassis measures 483 by 980 by 356 mm and weighs up to 137 kg with rails, drawing from six 6,600 W Titanium supplies in 3+3 redundancy. Fujitsu states no total GPU memory, no throughput figure and no system power draw; baseboard performance is on the linked HGX B300 entry.