

L10 SERVER · SPEC SHEET

MSI CG480-S6053

NVIDIA MGX™ 4U GPU server · 8× RTX PRO 6000 Blackwell Server Edition



PLATFORM	MSI CG480-S6053 · NVIDIA MGX™ 4U GPU server
GPU	8× NVIDIA RTX PRO 6000 Blackwell Server Edition
CPU	2× AMD EPYC™ 9555
MEMORY	12× 64 GB DDR5 · 768 GB total
STORAGE	1× 960 GB M.2 NVMe · 2× 3.84 TB U.2 NVMe

PLATFORM SPECIFICATIONS

FORM FACTOR	4U · NVIDIA MGX™ architecture
DIMENSIONS	438.5 mm W × 175 mm H × 800 mm D (17.2" × 6.88" × 31.4")
PROCESSOR	Dual AMD EPYC™ 9005 series, up to 500 W TDP · 2× Socket SP5 (LGA6096)
MEMORY	24× DDR5 DIMM slots, 12 channels per CPU (1DPC), up to 6400 MT/s
DRIVE BAYS	8× front hot-swap 2.5" U.2 PCIe 5.0 x4 NVMe (through PCIe switch)
INTERNAL STORAGE	2× M.2 2280/22110 PCIe 3.0 x2 NVMe · NVMe RAID 0/1 supported
EXPANSION SLOTS	8× PCIe 5.0 x16 FHFL double-wide + 4× x16 FHFL single-wide (through PCIe switch) · 1× x16 FHFL single-wide (CPU0)
GPU SUPPORT	Up to 8× RTX PRO 6000 Blackwell Server Edition at 30 °C ambient
NETWORKING	2× 10GBase-T (Intel® X710-AT2, NCSI supported)
REAR I/O	1× GbE dedicated management · 2× 10GBase-T · 1× USB 3.0 Type-A · 1× Mini DisplayPort
MANAGEMENT	ASPEED AST2600, AMI MegaRAC · IPMI 2.0 · DMTF Redfish · dual BIOS & BMC
SECURITY	On-board TPM 2.0 · chassis intrusion · Hardware Root of Trust (optional)
POWER SUPPLY	(3+1) redundant 3200 W CRPS · 80 PLUS Titanium
COOLING	2× EVAC CPU air-cooling modules (max 500 W) · 10× 8080 hot-swap fans
ENVIRONMENT	Operating 10–35 °C · 8–85% RH non-condensing
OS SUPPORT	Windows 2025 · Ubuntu 24.04 · Red Hat 9.5
CERTIFICATION	CE · FCC (Class A)