

Aegis Series – Technical Specifications

Category	Specification
Processor	20-core Arm® CPU (10x Cortex-X925 + 10x Cortex-A725)
Cooling	Not specified (passive or integrated cooling typical in compact AI platforms)
Memory	128GB LPDDR5x unified memory
Memory Bandwidth	273 GB/s
Storage	1TB or 4TB NVMe M.2 SSD with hardware self-encryption
Graphics	Blackwell Architecture GPU: Blackwell Gen CUDA Cores, 4th Gen RT Cores, 5th Gen Tensor Cores
Tensor Performance	Up to 1000 AI TOPS
Power Consumption	170W (likely external or integrated PSU)
ECC Support	Not explicitly stated; LPDDR5x typically lacks ECC
Form Factor	Compact system, suitable for embedded or rack-mounted AI solutions
Connectivity	Varies by deployment; supports edge I/O standards (USB, Ethernet, PCIe lanes, etc.)
Operating System	OS-agnostic (Linux preferred; container-based deployments supported)
Target Users	AI system integrators, edge inference specialists, robotics and smart systems teams
Support	3-Year Limited Hardware Warranty + 5-Day Advanced Replacement Support
Weight & Size	Varies depending on enclosure; optimized for space-constrained installations