

GigCompute

Model GC-002003



Dimensions 213.4 x 160 x 61.5 mm	Mass (with enclosure) 1.9 kg	OS Yocto-based optimized BSP	Input Voltage Range 9 V to 14 V
Data Interfaces 2x 10-Gbps Ethernet 3x 1-Gbps Ethernet 1x RS-422 1x RS-422 (Debug) 4x GPIOs	Storage Flash Memory • 64 GB eMMC • 1x 8 TB SSD	Power Consumption* 16 Watts (Idle) 28 Watts (Max Data) 30 Watts (Max CPU) 55 Watts (Max GPU) 84 Watts (Max) *Power Mode Adjustable	Radiation Lifetime 24 Years in 550km 90° 8 Years in 1000km 90° 5 Years in GEO with added 2mm shielding
CPU 12-core Arm Cortex-A78AE 64-bit	GPU 2048-core NVIDIA Ampere architecture GPU with 64 Tensor Cores	RAM 64 GB 256-bit LPDDR5	Container Orchestration Kubernetes (K3S)

Seamless Space Links

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