

GigRouter

(Model GR-006003)



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| Dimensions 213.4x 160 x 61.5 mm (TBF) | Mass (with enclosure) ~4 kg | OS Ubuntu-based optimized BSP | Input Voltage Range 18V to 36V |
| Data Interfaces 6x 10-Gbps Ethernet 3x 1-Gbps Ethernet 1x RS-422 1x RS-422 (Debug) 4x GPIOs | Storage Flash Memory <ul style="list-style-type: none"> • 64GB eMMC • 2x 8TB SSD (16TB total) | Power Consumption* 40 Watts (Nominal) Max Consumption (TBF) | 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 64GB 256-bit LPDDR5 | Container Orchestration Kubernetes (K3S) |

Seamless Space Links

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