RUGGED COMPUTING,
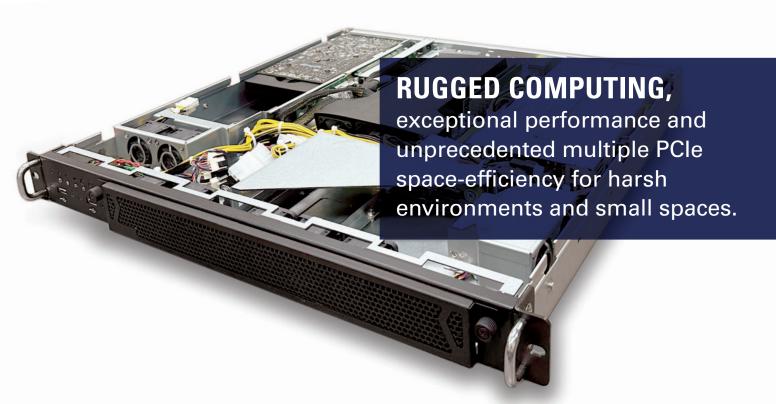exceptional performance and unprecedented multiple PCIe space-efficiency for harsh environments and small spaces.

Ruggedized Servers for Small Spaces and Harsh Environments

The CRONUS 1000 is Integrys' answer to the discerning needs of system designers who require a sophisticated, intelligently-designed server solution suitable for harsh environment deployment, in-vehicle computing, space-restricted design and enterprise server infrastructure development, among others. Integrys servers are engineered to deliver exceptional performance, reliability and flexibility, all backed up by our customer-first sales and technical support.
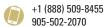

- **Versatile Expansion Capability:** Accommodates 2 Full-Height/Full-Length and 1 Full-Height/Half-Length PCIe x16 cards.

- **Space-Saving Design:** Compact size of 17.9 inches in depth, ideal for installations where space is a premium.

- **Redundant Power Supply:** Dual Redundant Power Supply (650-700 W) ensures uninterrupted operation and reliability.

- **Efficient Cooling System:** Incorporates 12 fans to maintain optimal temperature and prevent overheating, ensuring continuous functionality.

- **Easy Installation and Maintenance:** Includes holding arms and sliding rails for easy access to all components along with an exchangeable air filter for added convenience on the front panel.

- **Custom Branding:** Front panel customization option available for client's logo branding.

- **Tailored Connectivity:** Customized I/O options on the rear side to meet specific client requirements.

- **Customization Options:** Provides various customization options including harness lengths, PCIe risers, front air filter, anti-static protection for the motherboard, proper stand-off positions, cable tie loop holders, serialization labels for inventory tracking, and protective packaging.

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CRONUS 1000 1U Server

Front panel can be customized including custom branding.

Rear panel can be custom fabricated to suit your needs.

Specifications

Processor	Support for AMD EPYC™ 7002 Series Processors Family Supports Intel i7 and i9 and Scalable Xeon
GPU	NVIDIA, AMD, and another brands
System Memory	Up to 2 TB Quad Channel DDR4 memory technology (1DPC) - Supports DDR4 RDIMM, LRDIMM, 3DS, and NVDIMM NON-EEC/ECC DDR4
Drive Bay Configuration	2 x U.2 NVME SSDs or Standard SSDs (optional)
Expansion Slots	PCIe 4.0 x16 PCIE7: Gen4 x16 link 3 x Risers
On-Board Devices	IPMI, BMC Controller, TPM 2.0 2 x Low-Profile SlimSAS (PCIe 4.0 x 8 or 8 SATA 6Gb/s) 4 x SlimSAS (PCIe 4.0 x 8) 8 x NVME ports PCIe 5.0 x 4 via 4 MCIO connectors
Input/Output	VGA Port 1 x D-Sub, USB 3.2 Gen1 Port 2 LAN Port 2 x RJ45 (10GbE) +1 dedicated IPMI LAN Ports with LED (ACT/LINK LED and SPEED LED) 1 x UID 2 x USB 3.0 (rear) and 2 x USB 2.0 (front) 2 x Display port (rear), VGA
System Cooling	Heat sink, qty.12 high CFM fans, fans enclosure, plastic air duct, high-quality front panel filter, air out take holes on top of the chassis lid and rear chassis frame
Power Supply	Single PSU or Dual Redundant PSU up to 700W with PM Bus 1.2
PC Health Monitoring	Temperature, Fan and Voltage
Dimensions	17.2"x 17.9" (438mm x 454.6mm) 18.8" (480mm) face plate 1.7" (44mm) high
Operating Environment	Microsoft® Windows Server, Linux, Hypervisor
Storage	M.2 Slot 1 x (2280, 1 M-key (SATA 6Gb/s or PCIe4.0 x4)) Up to 2 standard SSD or U.2 NVME SSD (optional)

44 mm
1.7 inch

438 mm 17.2 inch
480 mm 18.8 inch

454.6 mm 17.9 inch

17.9 inch