

SRS-03

1U High Performance Rugged Server

Key Benefits

- ▶ Tough 1U steel chassis designed to meet the challenges of MIL-STD-810H
- ▶ High performance 5th Generation Intel® Xeon®, Intel® Core™ and AMD EPYC™ processor options
- ▶ Rear panel offering a variety of military connectors, fully configurable to customer specification
- ▶ AC or DC power supply options to suit a wide range of deployments
- ▶ Long life, embedded processor options for extended through-life support

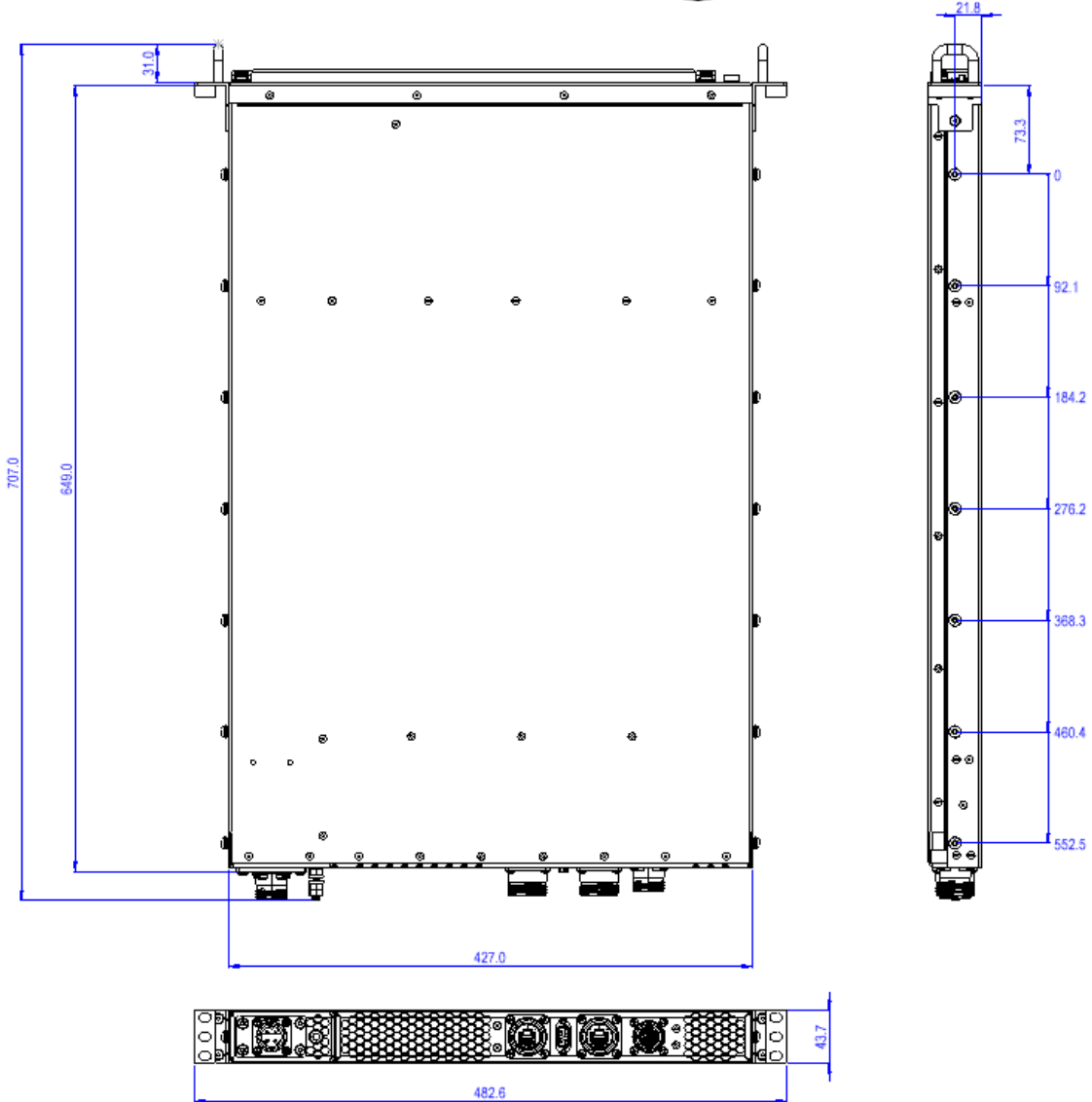


Overview

The Captec SRS-03 Rugged Server offers high processing performance in a 1U 19" rackmount form factor. Featuring expansion to enable a range of additional connectivity such as 10Gb/s copper, or secure fibre interfaces are available up to 100Gb/s, giving high bandwidth for connecting data around the wider system. Enhanced EMI filtering combined with a rugged aluminium chassis provides a low EMI signature, suitable for use in TEMPEST environments. Captec Rugged Servers are designed, built, and formally qualified to meet your exact specification requirements and required military standards, some of which may include MIL-STD-810H, MIL-STD-461G and DO-160G, for use in challenging defense applications.

Specifications

SRS-03	A typical configuration could consist of:	SRS-03	Continued:
CPU	2 x 5th Generation Xeon Scalable 4510T, 12 Core (2.00GHz, 3.7GHz), 30MB Cache	Operating System	Windows / Linux
Chipset	Intel® C741	Power Consumption	<500w
Memory	Up to 4TB 3DS ECC RDIMM	Input Voltage	18 ~ 60V DC (depending on configuration) Optional 100-240V AC
Storage (External)	4 x 2.5 removable drives Optional DVD/RW + 2 x 2.5	Width / Mounting	19" Rackmount
Storage (Internal)	Upto 2 x NVMe drives (M.2 PCIe 4.0)	Height	1U
Expansions Slots	1 x PCIe 5.0 x8 (x16 Physical)	Depth	649mm (from rear of mounting ears, not including rear connectors)
LAN	2 x 10Gb Copper (MIL-STD 38999)	Dimensions	43.7 x 482.6 x 649mm (H x W x D)
Service Port	MIL-DTL 38999 containing: 1 x VGA, 1 x IPMI & 2 x USB 2.0	Weight	Approx 18Kg (depending on configuration)
Video	Integrated Aspeed AST2600	Operating Temperature	-20°C to +55°C
Audio	N/A	Environmental	Designed to Meet: MIL-STD-461, MIL-STD-810H



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