



The SRV-400 represents 19" rack-mountable 1U rugged system incorporating Intel's latest generation Core i7 and Xeon CPU with 32GB DDR4 RAM. Delivered with AC or MIL-STD-1275E/704D compliant DC options or TEMPEST certified AC/DC power adapter. The unit provides power input parameters and internal temperatures in terms of Built-In-Test results.

Specifications:

CPU	Option-1: Intel Xeon E-2176G, 6 Core, 12 MB SmartCache, 3.70 GHz(Maks 4.70 GHz) Option-2: Intel Core i7-9700E, 8 Core, 12 MB Cache, 2.60 GHz(Maks 4.40 GHz)
Chipset	C246
Graphics	Intel HD Graphics 630
Memory	Max 32 GB DDR4 2666 Mhz Non-ECC/ECC RAM
Network	2x Gigabit LAN
Storage	Up to 4x SSD with RAID 0,1,5,10. Optional: Zeroize Function
Video Outputs	1x Display Port(Up to 4096x2160), 1x HDMI(Up to 4096x2160)
Serial	8x Isolated RS232/422/485
USB	2x USB 3.0 and 2x USB 2.0 (up to 6xUSB 3.0 or USB 2.0)
GPIO	16 Non-Isolated Digital Input Output
Audio	1x Mic & 1x LineOut
Operating System	Windows 10, Windows 8, Linux(Centos 6.9, Centos 7.x, Ubuntu 18)
Built-In-Test	Input voltage, Short Circuit, Over Voltage, Overload, Bad Grid, Near Temperature, Reverse Voltage, Temperature of the system, Thermal Shutdown Situation

Power Input	Option-1: 90~270V AC 47~63Hz, Configurable Thermal Shutdown Option-2: 9~36V DC, MIL-STD-1275E, Configurable Thermal Shutdown Option-3: 18~36V DC, MIL-STD-704F, 100ms Hold Up Time, Conf. Thermal Shutdown Option-4: TEMPEST certified AC/DC External Adapter, Configurable Thermal Shutdown
Power Consumption	Max 170W
Cooling Method	Fans
Misc.(Optional)	Optional: 2x Dual Redundant MIL-STD-1553, ARINC 729
Weight	<6kg
Dimensions(WxHxD)	480,6 x 43,45 x 400 mm
Chassis Construction	Aluminum Alloy
Thermal Shutdown	Configurable at factory. Default: 80°C
Power Consumption	Max 170W

Environmental:

Operating Temp	-15°C ~ 50°C MIL-STD-810G Method 501.5 Proc 2, 502.5 Proc 2 (Optional: -40°C ~ 55°C)
Storage Temp	-40°C ~ 70°C MIL-STD-810G Method 501.5 Proc 1, 502.5 Proc 1
Shock	MIL-STD-810G Method 516
Vibration	MIL-STD-810G Method 514
Humidity	RTCA/DO-160G, Section 6.3.1, CAT A -Standard Humidity Environment
EMI/EMC	MIL-STD-461G (CE102, CS101, CS114, CS115, CS116, RE102, RS103)
Altitude	RTCA/DO-160G Section 4.6.1, CAT A1