



THE FIRST OFF THE SHELF EXTREME CONDITIONS HIGH DEPLOYMENT SEALED SERVER



POWERFUL & VERSATILE

- | Up to dual Xeon Processors, 28 cores per server
- | Up to 256 GB of Memory
- | Redundant AC / DC input Power Supply
- | Dual Fiber 10 GbE
- | Enables Customized 3rd Party Cards

TOUGH & DURABLE

- | Designed from the ground up for outdoor conditions
- | Operates on Land, Sea and Air
- | Ultra Sealed with Water, Sand and Dust Protection
- | Operational Temp. Range -40°C to +50°C (Optional 60°C)
- | EMC Shielding

COMPACT & FLEXIBLE

- | Fits Complex and Tight Spaces
- | Unique Small Form Factor
- | Depth: Only 420mm
- | Width: Standard 19"
- | Height: 2U and 3U Form Factor



www.asperasys.com

ABOUT ASPERA ELECTRONIC SYSTEMS

Aspera electronic systems is a subsidiary of Edco Technologies 1993 LTD.

With branches located in both USA and Israel, with more than 30 years of combined experience.

Aspera electronic systems offers rugged computing systems for extreme conditions, such as powerful servers, storage appliances, high deployment switches and video encoders.



Technology
Provider
Platinum 2017

SPECIFICATIONS		
Processor	Single or Dual Xeon E5 26xx v3/v4, up to 28 cores per server	
Memory	Up to 256 GB, DDR4	
Storage	Up to 5 x SSD Drives (1 of them removable)	
Expansion	PCIe x16 gen3, PCIe x8/x16 gen2	
IO Ports	2 x LAN, 2 x fiber 10GBASE LR/SR, 4 x USB, HW RAID (Optional), RS 232, VGA	
Additional Options	USB 3.0 interface, DP/ HDMI interface, Support customer's PCIe add-on card Support TPM (Trusted Platform Module) in order to enhance data integrity and network security	
Server Management	Integrated Baseboard Management Controller, IPMI 2.0 compliant, SNMP support	
Small Dimension Form Factor	2U (H); 19" (W), 420mm (D)	3U (H); 19" (W), 420mm (D)
Power AC	90V-230V, 50/60/400 Hz, redundant dual input, fault tolerant structure	
Power DC	16V to 34V, redundant dual input, fault tolerant structure	
Environment	Designed to meet vast range of harsh environmental standards	
Temperature - Operation	-40°C to +50°C (Optional 60°C) Cold Start Supported	
Temperature - Storage	-40°C to +85°C	
Ingress Protection	IP 65: Blowing Rain, Sand, Dust	
Humidity - Operation	95%RH @45°C	
Altitude	0-15,000ft	
Vibration	0.03 g ² /Hz between 5-500 Hz 1 HR per axis, Ground Mobile, Naval, Airborne, according to MIL-STD-810G	
Shock - Operational	20g 11ms Saw tooth 6 shocks per axis, according to MIL-STD-810G	
EMI / RFI / ESD	ESD per CISPR 24 B, CISPR 22, EMI/RFI per MIL-STD-461E	
Part Number	SP-SRV-3U-S / SP-SRV-2U-S	

** Preliminary, for availability info consult factory*



Front view



Rear view



Company address:

49 East Midland Avenue, Suite 6C, Paramus, NJ 07652-2922 United States

Sales Office:

830 3rd Avenue 5th Floor New York City, NY 10022 United States

Email: Info@asperasys.com **Phone:** +1 (855) 335-3330 **Fax:** +1 (855) 335-3330