

# 1U AND 2U OFF THE SHELF EXTREME CONDITIONS HIGH DEPLOYMENT AIR COOLED SERVER





### POWERFUL & VERSATILE

- Single or Dual Intel Xeon E5-2600
- Up to 512 GB of Memory
- Up to 5 SSD Drives
- Enables Customized 3rd Party Cards

# TOUGH & DURABLE

- Designed from the ground up for outdoor conditions
- Operates on Land, Sea and Air
- Operational Temp. Range -10°C to +57°C
- EMC Shielding

# COMPACT & FLEXIBLE

- Fits Complex and Tight Spaces
- Depth: Only 483mm
- Width: Standard 19"
- Height: 1U and 2U Form Factor







### **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.

SPECIFICATIONS	
Processor	Single or Dual Intel Xeon E5-26xx v3/v4 Embedded CPUs
Memory	Up to 512 GB, DDR4
Storage	Up to 4 x SSD removable drives and 1 x internal SSD
Expansion	Up to 3 PCle cards: PCle x8/x16, gen2/gen3
IO Ports	6 x LAN, 2 X 10GbE SFP+ / copper   4 x USB 3.0, HW RAID (Optional), VGA / HDMI
Server Management	Integrated Baseboard Management Controller, IPMI 2.0 compliant, SNMP support
<b>Dimension Form Factor</b>	1U: 1U(H); 19" (W), 580mm (D) ; 2U: 2U (H); 19" (W), 483mm (D)
Power AC-2U server	100-240 VAC , Input type Power Factor Correction (PFC) Optional Redundancy
Power AC-1U server	100-240 VAC , Input type Power Factor Correction (PFC)
Weight	Approx 12Kg.
Environment	Designed to meet vast range of harsh environmental standards
Temperature - Operation	-10°C to 57° C
Temperature - Storage	-30°C to +71°C
Ingress Protection	Drip Due to Condensation STANAG 4370, Method 310, procedure III
<b>Humidity - Operation</b>	20-70% RH STANAG 4370, Method 306
Altitude	0-15,000ft
Shock - Operational	Sawtooth, 20g 11ms (withstand) according to MIL-STD-810F
Vibration	0.03 2g/HZ between 5-500 HZ 1 HR per axis, Ground Mobile, Naval, Airborne, according to MIL-STD-810G Shock - Operational
EMI / RFI / ESD	MIL-STD-461E
Part Number	SP-SRV-1U-A / SP-SRV-2U-A

\* Preliminary. for availability info consult factory

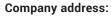






Front view

**Rear view** 



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