



Asperasys
Aspera Electronic Systems

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



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 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 PCIe cards: PCIe 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
Dimension Form Factor	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
Humidity - Operation	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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