

Avocent® ACS 8000 Advanced Console Server for Dell EMC

A Next-Generation Console Management Solution



Benefits

- TAA Compliant
- NEW! - Environmental sensor port gives visibility into onsite conditions
- Secure in-band and out-of-band network remote management
- Fast, automated configuration with Zero Touch Provisioning
- Access and troubleshoot remote locations using automatic network failover to Ethernet or analog modem
- No need for adaptors with automatic Cyclades™ and Cisco pin-out conversions
- Compliance with data center access and security policies customizable, multiple access levels
- Expanded support for Rack PDUs from Vertiv™ Geist, ServerTech, APC, Raritan and Eaton
- Support for Vertiv™ GXT4 and Vertiv™ GXT5 UPS systems
- IPv6 and IPv4 support for new network deployments
- Integration with Avocent® DSVIEW™ software for centralized management
- Strong dial-up and secure dial-back using built-in modem
- Console event logging and notification, including “last gasp” capture
- Regulatory compliance and easy troubleshooting – online and off-line data logging with time stamps
- Integrated support for 1Gb SFP fiber modules
- 8 USB ports to support new IT equipment with USB console ports as well as external peripherals

The Avocent® ACS 8000 advanced console server series continues the long running success story with a new, ground-up platform of innovation, integrating important new connectivity features such as gigabit fiber, USB and sensors. IT professionals and network operations center (NOC) personnel can now harness these new capabilities to further enable them to perform secure, remote data center management and out-of-band management of IT assets from anywhere in the world. Featuring a dual-core ARM processor architecture with expanded memory capabilities, the updated Linux operating system and DSVIEW™ management software, provides the Avocent® ACS 8000 optimal performance, security, reliability for a complete out-of-band management solution.

Applications

- Secure console and power management
- Server and network management
- Secure access to test and development lab environments
- Telco central office and remote facilities

Ordering Details

AC Power Supply Models

Dell Part Number	AC Models	Description
AB051988	ACS8008MDAC-400	ACS 8000 8-port unit dual AC power supply with built-in modem
AA685385	ACS8016DAC-400	ACS 8000 16-port unit dual AC power supply
AB051989	ACS8016MDAC-400	ACS 8000 16-port unit dual AC power supply with built-in modem
AB051990	ACS8032MDAC-400	ACS 8000 32-port unit dual AC power supply with built-in modem
AB051991	ACS8048DAC-400	ACS 8000 48-port unit dual AC power supply
AB051992	ACS8048MDAC-400	ACS 8000 48-port unit dual AC power supply with built-in modem

All models are TAA compliant.

Warranty

- Standard warranty is 3-year advance replacement
- Enhanced warranties available up to 5 years total

Contact your sales representative for information. goDell@Vertiv.com

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Hardware Specifications

CPU	Dual-core ARM® Cortex™-A9 MPCore™ with CoreSight™	
Memory	1GB DDR3L RAM	
	16GB eMMC Flash	
Interfaces	2 Gigabit Fiber SFP ports	
	2 Gigabit (10/100/1000BT) Ethernet interfaces on RJ45	
Interfaces	1 RS-232 serial console port on RJ45	
	Up to 48 RS-232 serial ports on RJ45	
	First 2 ports selectable between RS-232/RS-422/RS-485	
	8 USB 2.0 Ports on Type A connector	
	1 full size SD Card slot	
	Environmental sensor port on RJ45 (1-wire)	
	4 digital-in ports (smoke, leak, pressure and dry contact sensors)	
Power	Internal dual entry, redundant 100–240 VAC, 50/60 Hz	
Power Usage	Nominal voltage 120VAC:	Nominal voltage 240VAC:
	Typical 0.13A, 6.2W Maximum 0.47A, 28W	Typical 0.10A, 7W Maximum 0.29A, 28W
Operating Temp.	14°F to 140°F (-10°C to 60°C)	
Storage Temp.	-4° to 158°F (-20° to 70°C)	
Humidity	20% to 80% noncondensing	
Non-perating Humidity	5% to 95% relative humidity	
Dimensions (W x D x H)	17.250 x 9.5 D x 1.75 in. (43.82 x 24.13 x 4.45 cm)	
Weight	7.5 lbs	
Certifications	Emissions and Immunity:	Safety:
	<ul style="list-style-type: none">FCC Class ACE Class (EU)ICES-003 (Canada)VCCI (Japan)RCM (Australia)Customs Union (CU)KCC (Korea)	<ul style="list-style-type: none">UL (USA)cUL (Canada)EN-60950 (EU)CBCustoms Union (CU)cUL 60950-1 2nd ED

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For additional information, contact: goDell@Vertiv.com

www.DellKVM.com