MOTOTRBO™ CAPACITY MAX SYSTEM SERVER

CAPACITY MAX NEXT-GENERATION DIGITAL TRUNKING SYSTEM

The next generation of trunking has arrived. MOTOTRBO Capacity Max blends real-world experience with technological innovation to deliver a communications solution that's tailor-made for your organization.

CENTRALIZED

Capacity Max is built around the Capacity Max System Server (CMSS). This centralized appliance hosts the Trunking Controller, Voice and Radio Command (VRC) gateway, System Advisor management application and CMSS Maintenance application (ESU: Enhanced Software Update). All of these are software applications run as virtual machines, and do not require individual pieces of dedicated hardware.

SECURE

Capacity Max is a highly secure system. It offers traffic encryption and subscriber authentication, and Subscriber Access Control (SAC) to define the services available to each user. The CMSS itself is a locked-down appliance, only configurable via the Radio Management application. It is inaccessible to malicious software and intrusion.

RELIABLE

The CMSS platform is a mature, reliable, enterprise-grade server with millions of hours of service in the field. It is configured with dual power supplies and RAID disk arrays for additional resiliency. It ships with a multi-year warranty as standard. Additional CMSS's can be deployed for physical and geographical redundancy.

SCALABLE

The CMSS is highly scalable: one server can support up to 250 sites, with up to 15 voice and data repeaters and up to 6 additional data-only repeaters per site, giving high-quality connectivity to 3,000 users at each location.

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SPECIFICATIONS

Model	HPE ProLiant DL20 Gen 10
Network Connectivity	Gb Ethernet (rear)
Serial Connections	5 USB ports (standard) Front: 1xUSB 3.0, 1xUSB iLO Service Port Rear: 2xUSB 3.0 Internal: 1x USB 3.0
AC Input Power	100/240 VAC, 50/60 Hz, 500 W
Standard Warranty	2 Years
Input Current Drain	5.5 A Maximum (at 100 VAC)
Dimensions	1.70 x 17.11 x 15.05 in (4.32 x 43.46 x 38.22 cm)
Weight	17.41 lb (7.9 kg)
Mounting	1U 19" rackmount, full length
Operating Temperature	50 to 95 °F (10 to 35 °C) at sea level with an altitude derating of 1.8 °F for every 1000 ft (1.0 °C for every 305 m) above sea level
Storage Temperature	-22 to 140 °F (-30 to 60 °C). Maximum rate of change is 36 °F / hr (20 °C / hr)
Operating Relative Humidity	8% to 90% - Relative humidity (Rh), 28°C maximum wet bulb temperature, non-condensing.
Operating Altitude	Maximum allowable altitude: 10,000 ft (3050 m). This value is also limited by options installed
Non-operating Altitude	30,000 ft (9144 m). Maximum allowable altitude change rate is 1500 ft / min (457 m / min)

To find out more about Capacity Max System Servers, please visit
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