



COMPASS SERVERS

BRINGING CONTROL AND RELIABILITY TO YOUR SECURITY SYSTEM

Compass Servers are high-performance rack-mount servers that comes with Motorola Solutions Compass Decision Management System™ pre-installed. The server is designed to protect your valuable security management information, while tolerating the failure of one of the hard drives without data loss. Windows Server 2019 operating system and Compass software are both installed on a SSD drive for improved resilience to disk faults. With powerful Intel Xeon CPUs, the Compass Server is well-suited for high-workload incident management requiring transcoding of multiple high-quality video streams from different sources to serve multiple simultaneous browser clients in the context of a busy control room. The server comes with Next Business Day service level, plus the Keep Your Hard Drive service that allows end-users to keep failed hard drives, so that any sensitive data stored inside will be kept under your control.

KEY FEATURES

- Compass Decision Management System™ pre-installed
- Two redundant power supply units
- Two SATA drives for RAID-1 data storage
- Powerful Intel Xeon CPUs
- Next Business Day service
- Keep Your Hard Drive service



GENERAL SPECIFICATIONS

MID-RANGE SERVER

HIGH-END SERVER

HARDWARE AND OPERATING SYSTEM

CPU	1 x Intel Xeon E-2288G 3.7GHz, 8 Cores / 16 Threads	2 x Intel Xeon Gold 5218 2.3GHz, 16 Cores / 32 Threads
RAM	4 x 16GB DDR4 ECC UDIMM, 2666MT/s	6 x 16GB RDIMM, 2666MT/s, Dual Rank
Operating System Drive	1 x 240GB SSD SATA	
Compass Data Storage	2 x 1TB 7.2K RPM SATA Drives managed by a PERC H330 RAID Controller	
Operating System	1 x Embedded Windows Server 2019 Standard	
Server Management	iDrac9	

MECHANICAL

Form Factor	1U Rackmount Server	
Chassis	3.5" Chassis with up to 4 Hot Plug Hard Drives	
Rackmount Rails	1 x ReadyRails Sliding Rails Without Cable Management Arm	
Dimensions	Height: 42.8 mm (1.68") Width*: 434 mm (17.08") Depth*: 595.6 mm (23.45")	Height: 42.8 mm (1.68") Width*: 434 mm (17.08") Depth*: 714.6 mm (28.13")
Weight	13.6 kg (29.98lbs.)	17.6 kg (38.9lbs.)

* Dimensions do not include bezel

ELECTRICAL / ENVIROMENTAL

Power	100-240V AC. Dual Hot Plug Redundant Power Supply (1+1), 550W. Push button power switch at front.
Power Cord	2 x C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord
Operating Temperature	10°C to 35°C
Operating Humidity	10% to 80% (non-condensing)
Regulatory	EN 60950-1, IEC 60950-1, EN 62311, EN 55022, CISPR 22, EN 61000-3-2, EN 55024, IEC 61000-3-2 (Class D), EN 61000-3-3, IEC 61000-3-3, CISPR 24

INTERFACES

Video output	1x VGA at rear
Serial Port	1x RS-232 at rear
Network interfaces	1x Broadcom BCM5720 NIC providing 2x 1Gb Ethernet (RJ45)
USB ports	2x USB 3.0 at rear, 1x USB 2.0 at front, 1x internal USB 3.0

SERVICE

Basic Next Business Day	15 Months
ProSupport Plus and Next Business Day Onsite Service Initial	15 Months
ProSupport Plus and Next Business Day Onsite Service Extension	24 Months
Keep Your Hard Drive	39 Months

PRODUCT CODES

Compass Mid-Range Server	980320
Compass High-End Server	980321

NOTE: Specifications are correct at the datasheet date of issue and are subject to change without prior notice.

For more information, please visit www.motorolasolutions.com/compass



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