

S8500 Media Server & G650 Media Gateway Complex

The Avaya S8500 Media Server is a rack mounted telephony server, running Red Hat Linux 8.0 Operating System. The s8500 Media Server brings all of the robust performance and rich feature set of Communication Manager Release 2.0 onto an industry standard processor running an industry standard O.S. The S8500 Media Server is a Pentium 4 server and is 1 U high, fitting into a 19" four-post data rack.



S8500 Media Server

The S8500 is capable of supporting both Internet Protocol (IP) and traditional endpoints enabling new technology, and the ease of migration from legacy Avaya systems. The S8500 Media Server is a perfect solution for mid-sized customers, with growth of up to 3200 ports.

The G650 Media Gateway is used for new S8500 Media Server configurations. The SCC1, MCC1, CMC1 and G600 Media Gateways are supported in a migration from an existing Avaya solution to the S8500 Media Server: The G700 Media Gateway and the G350 Media Gateway are supported through the C-LAN circuit pack mounted in a G650, CMC1, SCC1, MCC1, or G600 Media Gateway.



G650 Media Gateway

Reliability

RAM disk

RAM disk is a portion of memory used as a disk partition. Under normal circumstances RAM disk and the hard disk drive are both used by the S8500. In the event of a disk failure, the S8500 Media Server, using only RAM disk, will continue to provide call processing for up to 72 hours.

Remote Supervisor Adapter (RSA)

A Remote Supervisor Adapter (RSA) is installed in PCI-X slot 1 of the S8500 Media Server. It monitors and reports alarms on S8500 components and provides control to power-on and power-off the S8500. Administration of the RSA is accomplished through the Advanced System Management (ASM) Web interface using a browser.