UNIVERGE® SV8500 Communications Server

The Next Generation Server for Pure IP

At a Glance

- Offers secure end-to-end communication
- Uses open standards to provide an advanced communication platform
- Integrates with current IT infrastructure
- Complies with green initiatives

With the UNIVERGE SV8500 Communications Server, NEC has realized the promised potential of IP telephony through a forward-looking, highly efficient system that provides the investment protection required by today's enterprise. It embodies NEC's UNIVERGE®360 commitment to unifying communications by providing a flexible, scalable solution that uses open standards, a large pool of compatible applications, and mobility options to meet each user's needs.

The SV8500 is also the premier IP communications server for regional and global expansion, worker mobility and environmental responsibility. It offers an extensive IP feature set in a flexible, scalable, secure package that ensures business continuity and provides the means to simplify business processes.

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Specifications

Dimensions	3 Rack Units high, 19 inches wide
System voltage	100-240V AC or -48 VDC
Processors	Intel Dual Core Duo 2.16GHz
Slots	10
Number of Ports	25-24,576
Trunks	
Analog Trunks (COT):*	20,000+
T1/PRI Channels:*	20,000+
IP Trunks (SIP):*	16,000+
Stations	
Digital Terminals:*	20,000+
Analog Terminals:*	20,000+
IP Terminals (hard/soft):	16,000
Networking	
FCCS networking (IP):	64 nodes
CCIS networking (T1/IP):	64 nodes
Ports:	up to 192,000
Standards	
Devices:	SIP-enabled
Databases:	LDAP-compliant
Languages:	Java and XML
Wireless LAN:	802.11 a/b/g
Other:	802.3af
Applications	
Internal ACD:	Max 1000 stations
OAI support:	UNIVERGE 3rd party apps
Conference Bridge:	Max 32 ports/card; Max 255 cards
Regulatory Compliance	• FCC part 15, Class A & part 68 • UL 1459 • Section 508 compliant • CSA standard C 22.2 No. 225 • CE Mark • Industry Canada (IC) CS-03

* Based upon system configuration

Available Options

Optional 1 RU MPC Chassis Cards	
6COT MG	6 analog trunks
4LC2COT	4 analog & 2 trunks
PRI MG	1 PRI trunk
8LC	8 analog stations
VS-32 Conf. Module	32 conference ports
T1 MG	1 T1 trunk
MGSIP	16 SIP trunks

Optional Features	
	• 2 redundant Ethernet ports • High Speed internal communication bus • Redundant power supply options • Encryption • Mobile Client • UNIVERGE IP & Digital Terminals (Desktop & DECT)

Optional Gateway Chassis	
Height:	8 RU high
Availability:	For high-density TDM digital and analog interface cards
Universal Card Slots:	17

UNIVERGE360 is NEC's approach to unifying business communications. It places people at the center of communications and delivers on an organization's needs by uniting infrastructure, communications and business.

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For more information, visit necunified.com