

System Specifications

UNIVERGE® SV8500 Communications Server



The next generation server for pure IP. With the award winning* UNIVERGE® SV8500 Communications Server, NEC has realised the promised potential of IP telephony through a forward-looking, highly efficient system that provides the investment protection required by today's enterprise

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

Fulfilling the promise of UNIVERGE®360

The SV8500 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 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.

* INTERNET TELEPHONY® magazine (www.itmag.com) has named UNIVERGE SV8100 and SV8500 as recipients of its 2008 Product of the Year Award.

Specifications

Dimensions	3 rack units, 19 inches wide
System voltage	100-240V AC or 48V DC
Processors	Intel Dual Core Duo 2.16 GHz
Number of ports	25 - 6,144
Trunks	
● Analogue trunks	6,000 +
● E1/PRI channels	6,000 +
● IP trunks (SIP)	6,000 +
Stations	
● Digital terminals	6,000 +
● Analogue terminals	6,000 +
● IP terminals	4,000 +
Networking	
● FCCS networking (E1/IP)	64 nodes
● CCIS networking (E1/IP)	64 nodes, 999 trunks
● Ports	Up to 192,000
Peripheral standards	
● Devices	SIP-enabled
● Databases	LDAP compliant
● Languages	Java and XML
● Wireless LAN	802.11 a/b/g
● Other	802.3af
Applications	
● Internal ACD	2,000 stations
● OAI support	UNIVERGE 3rd party applications
● Conference bridge	UNIVERGE 3rd party applications
Regulatory compliance	A Ticked

Available options

Optional 1 RU MPC chassis cards	
4LC2COT	4 analogue stations & 2 trunks
PRI MG	1 primary rate trunk
8LC	8 analogue stations
VS-32	32 conference ports
BRI MG	2 BRI trunks
MGSIP	16 – 96+ SIP Trunks

Optional Features	
●	Additional CPU for automatic fault failover
●	Redundant power supply options
●	Encryption (future)
●	UNIVERGE IP & Digital terminals (Desktop & DECT)

Optional gateway chassis	
Height	8 rack units
Availability	For high density TDM digital and analogue interface cards
Universal card slots	17



UNIVERGE®360 is NEC's approach to unifying business communications. It places people at the centre of communications and delivers on an organisation's needs by uniting infrastructure, communications and business.

For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632

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