



UNIVERGE® SV8300 Communications Server

Fulfilling the promise of UNIVERGE®360

At a Glance

- 19" stackable chassis architecture
- Support of up to 1536 IP stations
- High reliability
- Wired and wireless extensions
- Open standards and Open Application Interface, including XML
- Enables Unified Communications integration

The speed of business today demands efficient, seamless communications to enable rapid decision-making and customer responsiveness. To succeed at this accelerated level, medium-sized businesses must have the right communication tools. NEC provides those businesses with the communications and networking solutions that enable them to succeed.

The UNIVERGE® SV8300 Communications Server is a robust, feature-rich solution that is completely scalable and can be expanded to meet a medium-sized business's communications needs now and in the future. Benefits of the SV8300 include:

- **Rack-stackable architecture** – The SV8300's stackable chassis supports server functions, media gateways and media converters in a single unit.
- **Support for both VoIP and traditional voice** – Deployment of a pure IP solution or any combination of IP and traditional circuit-switched technology is supported on a single SV8300 system.
- **Application integration** – Application options that deliver you better customer service and improved teamwork and user productivity.
- **Scalability** – As your business grows, so do its communication needs. The SV8300 seamlessly scales to a 2048 ports single image system, distributed over multiple sites.
- **High reliability** – The architecture of the SV8300 is ideal for missioncritical situations and ensures highest availability and business continuity. Besides its flash technology for system reliability with a very high MTBF, IP fail-over for stations and trunking and clustered survivability, CPU redundancy provides high availability and operational continuity.

Empowered by Innovation

NEC

Specifications

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Number of SV8300 Units and Chassis	1 Unit			2 Units	3 Units	4 Units	System Max Stand Alone	System Max Remote Link
	2Ux1	2Ux2	2Ux3					
Number of physical Ports	108	216	324	648	972	1296	1296	2048
Number of virtual Ports	1536			2048			2048	2048
Outside Lines								
IP Trunk Lines								
• IP Trunks (SIP) Channels				96			96	96
• IP Trunks (P2P) Channels				512			512	512
Analogue/Digital Trunks Lines								
• Analogue Trunks (COT)	48	96	144	288	432	512	512	512
• BRI Channels	48	96	144	256	256	256	256	256
• PRI Channels	93	186	297	496	496	496	496	496
• E&M Tie Line	24	48	72	144	216	288	288	512
Terminals								
IP Terminals								
• UNIVERGE DT700 Series	1024			1536			1536	1536
• Dterm Series i IP								
• WLAN (MH240)								
• IP-DECT								
• Softphone								
• Standard SIP				512			512	1536
Digital Telephones								
• UNIVERGE DT300 Series	96	192	288	576	864	1152	1152	1536
• Dterm Series i Terminals								
Analogue Telephones								
• SLT (-24V)	96	192	288	576	864	1152	1152	1536
• SLT (-48V)	24	48	72	144	216	288	288	
Physical characteristics								
Chassis dimensions	SV8300 1U chassis dimensions: 430 x 400 x 43 mm (WxDxH)							
	SV8300 2U chassis dimensions: 430 x 400x 88 mm (WxDxH)							
Chassis weight	SV8300 1U chassis: approx. 5 kg; all slots occupied, no built-in battery							
	SV8300 2U chassis: approx. 8.2 kg; all slots occupied, no built-in battery							
Power Supply								
Power rating	SV8300 1U chassis: AC 100V – 240V (automatically adjusted)							
	SV8300 2U chassis: AC 100V – 240V (automatically adjusted)							
Compliance								
The UNIVERGE® SV8300 Communications Server carries a CE mark and complies with:								
• EMC	EN55022 Emission, EN55024 Immunity, EN61000 Powering							
• Safety	EN60950-1							
• Transmission & Signaling	TRB3, TBR4, ES203-021							



Pure IP/SIP System
 SV8300 Processor Supports
 IP & SIP trunk

About NEC Corporation: NEC Corporation (NASDAQ: NIPNY) is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC home page at: <http://www.nec.com>

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