UNIVERGE® SV8100 Communications Server

Chassis Comparison

In today's economy, small businesses must explore every avenue and solution to remain efficient and competitive. NEC's UNIVERGE SV8100 Communications Server provides small businesses with a rich feature set and two cost-effective chassis size options - 9.5" chassis and the 19" chassis. The SV8100, regardless of chassis size, is designed specifically to give small businesses a strong communications foundation layer in which to grow from.

From smaller single site locations to businesses with multiple sites, the SV8100 is the ideal, cost-effective communications solution. The SV8100's scalability can expand to meet a growing business's changing communication requirements. Advanced IP applications like unified communications can be easily added as needed and remote IP-centric offices can be seamlessly linked together. By joining systems together, investments in applications can be maximized and shared across the entire SV8100 network. The architecture, licensing and scalability inherent within the UNIVERGE SV8100, protects a business's investment for years to come.

Things to Consider	9.5" (3 Slot Chassis)	19" (6 Slot Chassis)
Does the 9.5" chassis have the same rich-feature set as the 19" chassis and can both support advanced IP applications?	Yes	Yes
How many physical blade slots are required? What are the growth requirements? Reminder – the UNIVERGE VM8000 InMail and UNIVERGE SV8000 Automatic Call Distribution (ACD) solutions are on-board applications and do not require blade slots.	Growth is supported in 3 slot increments. Depending upon requirement, smaller growth increments have the potential to reduce system cost by minimizing breakpoints. 670067 CHS2U B-US (Main) 670068 CHS2U E (Expansion)	Growth is supported in 6 slot increments. Depending upon requirement, purchasing a larger chassis upfront has the potential to reduce system cost. 670015 CHS2U-US
Are there physical environmental constraints for the installation?	(H x W x D) 4.53 in x 8.66 in x 14.53 in	(H x W x D) 3.47 in x 16.9 in x 14.17 in
Is there a requirement for the system to be Wall or Rack Mounted?	The 9.5" Chassis includes the Wall Mount Kit. The 9.5" chassis may be rack mounted but must be installed vertically for proper air circulation. A main and expansion chassis require 12U of rack space.	The server style dimensions of the 19" chassis are ideally suited to rack mounting. For wall mounting, an optional 19" Chassis Wall Mount Kit is required.
Is this a single site or are there multiple locations that will need to be networked and is TDM or IP required?	The smaller size and cost effectiveness of the 9.5" chassis positions it as an ideal choice for remote offices and IP-Centric configurations not requiring many blades slots. The 9.5" chassis and 19" chassis may be mixed in a network.	The 19" chassis is ideally suited to larger TDM installations and rack mounting. When used in a UNIVERGE SV8100 Netlink environment, the 19" chassis may serve as the primary system, housing in-skin applications. Smaller remote locations usually would deploy the 9.5" solution.
Are analog phones required?	The 9.5" chassis is better suited due to the standard package that it comes with – 8 digital stations and 2 analog stations.	The 19" chassis requires additional hardware for analog station support.
What are the expansion capability differences between the 9.5" and the 19" chassis?	The 9.5" offering expands to an SV8100 and only supports the SV8100 feature set.	The 19" chassis has the flexibility to grow from an SV8100 to an SV8300 Communications Server.

9.5" (3 Slot Chassis) — slot table

Slots	Main	Expansion
3	1	0
6	1	1
9	2	1
12	2	2
24	4	4
For example a system requiring 7 slots		
7	2	1

Main Chassis 1 :Slots 1-3
Expansion Chassis 2: Slots 4-6,
Main Chassis 2: Slots 7-9

19" (6 Slot Chassis) — slot table

Slots	Chassis
3	1
6	1
12	2
24	4
For example a system requiring 7 slots	
7	2

Chassis 1: Slots 1-6
Chassis 2: Slots 7-12

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