



Samsung OfficeServ 7200 System Capacity Chart

System features		
PSTN Analogue Lines (max)		80
ISDN Basic Rate Digital Lines (equiv. channels)		40 (80 channels)
ISDN Primary Rate Digital Lines (equiv channels)		4 (120 channels)
Total Extensions		216
Digital Stations		96
IP Stations + WIP		120
Analogue Stations		160
Data Extensions (ISDN 128kbts)		24
Music Sources		1 internal/ 2 external
WIP Basestations		12
WIP Handsets		120
CTI		Network TAPI
Digital Voicemail		Yes
Direct Indial numbers		999 numbers
Calling Line Identification (CLI)		PSTN / ISDN
Trunk Groups		30
Station Groups		80
ACD Groups		20
Pick up Groups		99
Account Codes		999
Authorisation Codes		500
CLIP numbers (translation table)		1000
CLIP Review blocks		2000
Auto Attendant		20
Least Cost Routing		Yes
Total Speed Dial Locations		2500
System speed dialling		950
Station speed dialling (max per station)		50
External Page Zones		4
Internal Page Zones		5
SIO Ports		0 + LAN
Remote Programming/support		Yes
LAN Ports		1
Virtual Extensions	SLT	46
	DIGITAL	80

Specifications

Router	Firewall
RIPv1	IPSec, PPTP
RIPv2	DES, 3DES
OSPFv2 Open Shortest Path First	Automated rules update system
PPP	ESP (Extended Services Processor)
PPPoE	Intrusion Detection/Prevention
IP Multicasting	Access List security
HDLC	Web-based management
Frame Relay	
Packets per second processing = 50Kpps	Switching
WAN Serial interface (V.35)	802.1Q tagging
ADSL interface for connection to Internet	802.1p
NAT (Network Address Translation)	802.3x Layer 2 flow control
DHCP Client and server	Layer 3 Routing
SNMP (Network Management) MIB II images	Switching Capacity (min/max) - 3.2/25.6 Gbps
WFQ (Weighted Fair Queue)	Multicasting
IP Precedence	VLANS - 32
Inter-VLAN Routing	Mirrored ports for troubleshooting
Command line configuration	SNMP (Network Management) MIB II support
Web configuration interface	IEEE Ethernet 802.3
Network Analysis	IEEE Fast Ethernet 802.3u
CHAP/PAP across WAN links	IEEE 802.1d Spanning Tree
IGMPv1	IEEE 802.1q VLANs
IGMPv2	Spanning Tree
NAT/PAT	IGMP Snooping
Application Layer Gateway (ALG)	
802.1q QoS	



Samsung OfficeServ System Capacity

	OfficeServ 12	OfficeServ 100	OfficeServ 500M	OfficeServ 500L
PSTN Analogue Lines (max)	3	36	72	208
ISDN Basic Rate Digital Lines (equiv. channels)	2 (4 channels)	16 (32 channels)	36 (72 channels)	104 (208 channels)
ISDN Primary Rate Digital Lines (equiv channels)		1 (30 channels)	3 (90 channels)	9 (270 channels)
Total Extensions			120	360
Digital Stations	2 + 2 HYB	48	120	360
IP Stations + WIP	8	80	120	240
Analogue Stations	5 + 2 HYB	48	120	360
Data Extensions (ISDN 128kbits)	4	24	48	48
Music Sources	1 internal/ 1 external	1 internal/ 2 external, AA	1 internal/ 2 external, AA	1 internal/ 6 external, AA
WIP Basestations	1	4	8	24
WIP Handsets	4	24	48	192
CTI	Network TAPI	Network TAPI	Network TAPI	Network TAPI
Digital Voicemail	Yes / External	Yes	Yes	Yes
Direct Indial numbers	50 numbers	500 numbers	400 numbers	999 numbers
Calling Line Identification (CLI)	PSTN / ISDN	PSTN/ISDN	PSTN/ISDN	PSTN/ISDN
Trunk Groups	11	11	31	31
Station Groups	10	30	40	80
ACD Groups		10	20	30
Pick up Groups	4	20	99	99
Account Codes	200	999	500	999
Authorisation Codes	50	500	250	500
CLIP numbers (translation table)	500	250	1000	2000
CLIP Review blocks	2000	1000	2000	2000
Auto Attendant		4 channels	8 channels	Multiple
Least Cost Routing	Yes	Yes	Yes	Yes
Total Speed Dial Locations	2500	1500	2000	2500
System speed dialling	500	500	950	950
Station speed dialling (max per station)	50	50	50	50
External Page Zones	2	5	4	4
Internal Page Zones	4	4	5	5
SIO Ports	1	1	2 + LAN	2 + LAN
Remote Programming/support	Yes	Yes	Yes	Yes
LAN Ports	1	1		
Virtual Extensions	SLT		22	38
	DIGITAL		40	80

All specifications are at maximum capacity. Not all maximum capacities can be achieved simultaneously.

Samsung OfficeServ IP Technical Specifications

HARDWARE		SOFTWARE	
Processor	MPC 860 50MHz 32bit	OS	VxWorks
Memory	Boot Flash ROM : 1Mb Boot	VoIP protocol	ITU-T H323-V4, SIP
	Flash Memory : 8Mb	VoIP CODEC	G.723.1, G729A, G.711
	SDRAM : 16Mb	Audio Feature	Echo Cancellation (G.165)
VoIP DSP	Audio Codes AC4804		Silence Suppression (VAD, CNG)
Internet Interface	10 Base-T/100Base-TX		DTMF Detection/Generation (In/Outband)
Power AC	110~220V		DTMF transport using H.245 signalling
Mounting	- Wall (single cabinet only)		Selectable A/μ law
	- Floor standing		Software Gain/Volume Control
	-19" Racking		Dynamic Jitter Control
System capacity	- up to 600 extensions	VoIP Feature	ITU-T H323 V4 Interoperability support (RADvision stack)
	- 360 physical extensions - 240 IP extensions		G3 Interest FAX Relay (FRF 11, T.38)
			H323 Gatekeeper RAS interface
			Flexible Numbering Plan
			QoS Monitoring (Delay/Loss/Link Down Check, RTP Multiframe)
			VoIP call Detour through Legacy network
		System Management Feature	Remote File Download/Configuration (FTP, TFTP, Telnet)
			Local/Network CLI Interface
			SMDR billing output