

CONSTRUCTION

20MHz CPU

2-4 MB RAM

512KB ROM

DB25/RJ45 PORTS

BNC/AUI ETHERNET

PROTOCOLS & EXTENSIONS

PPP

TCP/IP

SLIP/CSLIP

SNMP

ARP/RARP

DNS

BOOTP

TFTP

RADIUS

RIP

rlogin

telnet, telnetd

REVERSE telnet

REMOTE CONSOLE

ping

rcp/rsh

ROTARY LINES

IP PACKET FILTERING

SUBNET ROUTING

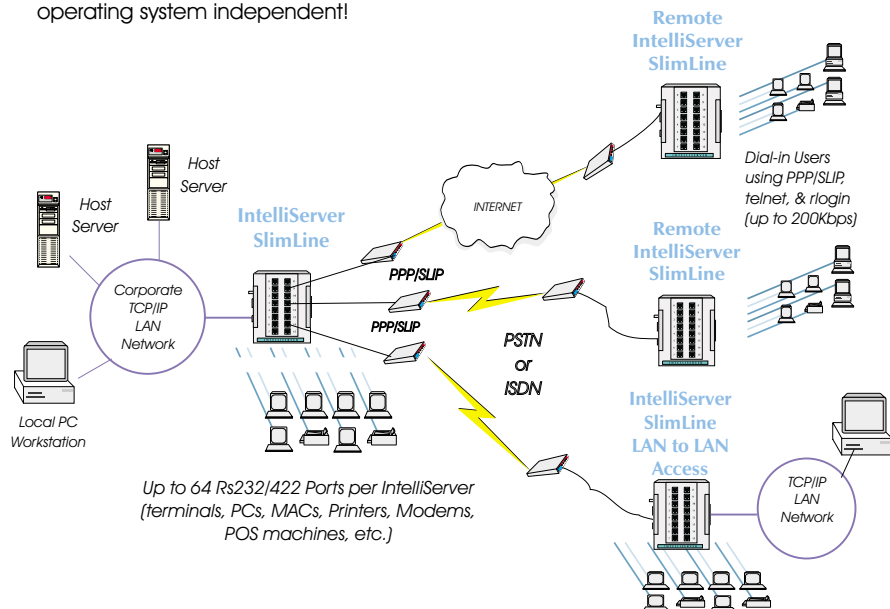
CHAP/PAP AUTHENTICATION



* IntelliServer SlimLine (shown with Expansion Serial Modules)

SAMPLE COMPUTONE INTELLISERVER SLIMLINE CONFIGURATION

On-board RISC CPU and operating system independent!



HIGH-PERFORMANCE REMOTE ACCESS

IntelliServer is an expandable asynchronous communications server that combines the functionality of a high-performance terminal server with the extended communications capabilities of an INTERNET access device.

IntelliServer can be connected directly to a TCP/IP Ethernet LAN, or can be booted independently and operated as a standalone unit. When installed on a LAN, the IntelliServer requires no special operating system device drivers. This simplifies upgrades and TCP/IP host cross-platform connectivity. Installation of the IntelliServer is menu-driven and can be completed in a few minutes.

IntelliServer is actually a compact, self-contained RISC workstation complete with 20MHz MIPS-R3000 compatible CPU, 2-4MB of RAM, resident multi-tasking operating system, and menu-driven interface. It supports all standard RS232/422 serial devices: terminals, purchase, printers, modems, bar code scanners and POS equipment. Each connected serial device can communicate at baud rates of 200Kbps full-duplex.

IntelliServer includes a utility that allows a UNIX LAN host to access IntelliServer ports as if they were local *tty* devices. Modem ports can be used for both dial-in and dial-out access, ending the requirement for dedicated inbound and outbound modems. Group resources such as printers and modems can be assigned to shared "hunt groups."

To maintain high throughput for up to 64 physical devices, IntelliServer integrates surface mount technology with ASIC circuitry, a RISC CPU, up to 4MB of RAM, 512KB of ROM and 32KB Flash PROM for non-volatile storage of configuration parameters. Built-in connectors for Ethernet include BNC (thin-net) and AUI (thick-net, twisted-pair, fiber optic).

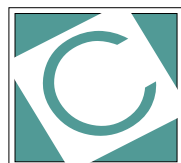
IntelliServer has an impressive list of security and configuration features. Users can be automatically logged onto a specific host, offered a menu of host connections, or given access to IntelliServer's menu and shell. If desired, passwords can be defined for specific users and for administrators. A resident multi-session manager (IntelliView) allows each user to run up to 8 login sessions and "hot-key" from one session to the next.

IntelliServer can boot from ROM or from a LAN host. IntelliServer's extensive protocol support includes: *rlogin*, *telnet*, *telnetd*, reverse *telnet*, SNMP, RADIUS and RIP. Plus, the IntelliServer has a special IP Filtering feature that allows you to define and regulate the flow of selected IP packets.

IntelliServer's standard feature list includes full PPP, SLIP and CSLIP support, permitting IP devices to be connected over an RS232 or RS422 serial ports at up to 200 Kbps. This offers an ideal solution for sites that want to implement cost-effective remote access and LAN-to-LAN interconnectivity. Each 16 port IntelliServer can be expanded using low cost 8 port and 16 port expansion modules. A single IntelliServer can support 64 physical ports, 96 login sessions and up to 32 PPP/SLIP connections.

IntelliServer units are very easy to install and can be desk-, floor-, or wall-mounted (a wall mounting kit is included). Surge/spike protection is standard on all Transmit (Tx) and Receive (Rx) signals (protection on all signals is optional).

IntelliServer Units	CPU	RAM	ROM	Flash PROM	Ethernet Chipset	Ports	Connectors	Maximum Baud Rate	UARTS	Surge Protection	Hardware Warranty
SVR-16DBM Slim	20MHz IDT 3051	4MB	512KB	32KB	SONIC DP83916	16 (RS-232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
SVR-16RJM Slim	20MHz IDT 3051	4MB	512KB	32KB	SONIC DP83916	16 (RS-232)	RJ45	200Kbps	CD-1400	TXD RXD [®]	5-Year
SVR-16DB-422-AVM	20MHz IDT 3051	4MB	512KB	32KB	SONIC DP83916	16 (RS-422/232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
SVR-16DB Tower	20MHz IDT 3051	2MB	512KB	32KB	SONIC DP83916	16 (RS-232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
SVR-16RJ Tower	20MHz IDT 3051	2MB	512KB	32KB	SONIC DP83916	16 (RS-232)	RJ45	200Kbps	CD-1400	TXD RXD [®]	5-Year
Expansion Modules											
EX-8DB Slim	--	--	--	--	--	8 (RS-232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-8RJ Slim	--	--	--	--	--	8 (RS-232)	RJ45	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-8D-422 Slim	--	--	--	--	--	8 (RS-232/422)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-16DB Slim	--	--	--	--	--	16 (RS-232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-16RJ Slim	--	--	--	--	--	16 (RS-232)	RJ45	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-16D-422 Slim	--	--	--	--	--	16 (RS-232/422)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-16DB Tower	--	--	--	--	--	16 (RS-232)	DB25	200Kbps	CD-1400	TXD RXD [®]	5-Year
EX-16RJ Tower	--	--	--	--	--	16 (RS-232)	RJ45	200Kbps	CD-1400	TXD RXD [®]	5-Year



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