

EQUINOX
EQUINOX

SUPERSERIAL I/O SOLUTIONS

PRODUCT
GUIDE

www.equinox.com



EQUINOX

Equinox Systems



Equinox Systems develops and markets high performance, reliable and affordable server-based communications products for remote access, commercial and industrial applications. The award-winning SuperSerial Technology (SST) product line provides high-speed serial communications for:

- Remote Access Services (RAS)
- Internet Access
- Fax Server
- Serial Printers
- COM-Port Sharing
- Retail Point of Sale
- Industrial Data Gathering and Automation
- Custom Applications
- And Other Server-Based Communications

The SuperSerial I/O product line in this brochure includes asynchronous serial port boards, managed modem pools and port management software. Other products developed and marketed by Equinox include the ELS family of Ethernet terminal servers and the DSS line of data center management systems.

Equinox SuperSerial products are sold through nearly 100 distributors, resellers and major OEM suppliers in over 40 countries. Founded in 1983, Equinox is a publicly traded company on the NASDAQ stock exchange (EQNX).

Equinox Systems
One Equinox Way
Sunrise, Florida 33351

SuperSerial Technology Overview

4

With unmatched speed, full manageability and super reliability, intelligent SuperSerial products provide the highest performance and most affordable serial I/O solutions available.

Multiport Boards

6

Designed for requirements of up to 16 ports, these intelligent serial I/O boards dramatically increase data throughput and enhance overall system response. With full modem control, they are optimized for server-based remote access applications.

Expandable Subsystems

8

Designed for larger-scale remote access and distributed applications, these intelligent expandable subsystems enable you to connect from 8 to 128 high-speed serial I/O ports to a single host slot.

Modem Pool

10

This compact, intelligent chassis provides the easiest and most economical way to attach off-the-shelf internal modems to a host server.

Expandable Configurations

12

See how easy the expandable subsystems can be configured using SuperSerial Host Controllers, Port Modules and Modem Pools.

EquiView Plus Management Software

14

This NT Connections Manager provides a comprehensive set of software tools that simplifies serial I/O set up, diagnostics and management. Features SNMP support for remote LAN and dial-in management.

Retail Point-of-Sale Boards

16

For your point-of-sale and other customized applications, these intelligent boards for retail point-of-sale provide the easiest and most cost-effective solution for connecting devices to a computer. For Windows NT, Novell and Unix applications.

Megaport Replacement Boards

17

Pin-compatible replacement boards for the discontinued Equinox 8-, 12- and 24-port Unix Megaport boards, incorporating the benefits of SuperSerial Technology.

Tech Specs and Cabling

18

Check out the technical specifications for each product, along with miscellaneous cables, adapters and starter kits available from Equinox.

SuperSerial Technology Overview



With unmatched speed, full manageability and super reliability, intelligent SuperSerial products provide the highest performance and most affordable serial I/O solutions available.



Benefits & Features

- *Industry leader in high-performance server-based communications*
- *Top speeds from 115 Kbps to 920 Kbps, full duplex*
- *Support for most popular Remote Access and Unix environments*
- *Highly integrated custom ASICs designed by Equinox specifically for serial I/O processing provides more reliability and faster processing*
- *Custom ASIC offloads virtually all serial I/O processing from the host server — up to 10 times more than the leading competitor — enabling your host system to run more applications and service more users*
- *Close integration of all driver software design and SST ASIC design provides super performance over other products using generic, off-the-shelf processors*
- *“Super” surge protection that virtually eliminates “blown ports”*
- *Includes comprehensive EquiView Plus NT Connections Manager software, as well as complete port management/ diagnostic tools for Unix*
- *All drivers, manuals and extensive install/ debug help and utilities included on CD-ROM shipped with all SST products — also available on our Web site at www.equinox.com*
- *SuperSerial product manufacturing is ISO 9000 certified and all products are made in the USA*



A Few of Our Industry Partners

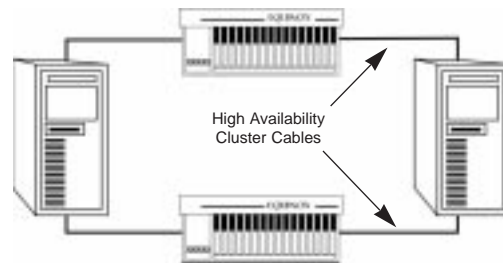
When building a network, you need to know that all the pieces will work together. SuperSerial Technology products are compatible with industry leaders, such as:

3COM	Compaq	NCR
AT&T	DEC	Novell
Attachmate	Funk Software	SCO
Boca Research	Hayes	Spartacom (SAPS)
BSD	Hewlett-Packard	Unisys
Canoga Perkins	IBM	Vinca
Cheyenne Software	LanSource	ZetaFax
Citrix Systems	Microsoft	Zoom

The Only High Availability I/O Solutions for NT Clustering Environments

SuperSerial Port Modules and Modem Pools can be simultaneously connected to two servers, providing for both load-sharing and for automatic “fail-over” recovery should one server become unavailable.

This unique clustering feature presents a very cost effective way to implement mission-critical applications that employ serial devices such as point-of-sale (POS) terminals, cash registers, bar-code scanners, telecom gear, and industrial equipment.



Equinox software on the CD-ROM included with each Host Controller board extends the fault-tolerant benefits of Microsoft Cluster Server and provides seamless integration with NT Cluster Administrator.

All that is needed to connect Port Modules or Modem Pools to a second server is the SST High Availability Cluster Cable Kit.

How To Contact Us

Voice:	800-275-3500 954-746-9000 <i>Sales: Ext. 247</i> <i>Support: Ext. 322</i>	Web:	www.equinox.com
Fax:	954-746-9101	E-mail:	sales@equinox.com support@equinox.com
BBS:	954-746-0282	Mail:	Equinox Systems One Equinox Way Sunrise, FL 33351

Multiport Boards



Designed for requirements of up to 16 ports, these intelligent serial I/O boards dramatically increase data throughput and enhance overall system response.



SST-8I board with 8-port DB-25 fan-out cable

Benefits & Features

- Connects from 2 to 16 ports to one slot in your server
- Supports speeds up to 920 Kbps per port, full duplex
- Offloads virtually all serial processing from the host CPU
- 15,000 volts multistrike surge protection on every pin of every port
- Includes full modem control on all ports (TXD, RXD, CTS, RTS, DSR, DCD, DTR, RI)
- Support for most popular operating systems
- Available for ISA, PCI and EISA platforms — ISA boards are plug-&-play ready
- Easy to install and configure with the “autoinstall” feature, no IRQ, I/O ports or memory holes to specify
- Includes comprehensive EquiView Plus NT Connections Manager software, as well as complete port management/diagnostic tools for Unix
- DB-25, RJ-45 and DB-9 connectors available
- Five-year warranty



SST-16P board with CP-16DB Connector Panel

The SST Multiport Boards deliver the performance and speed you need — at a very affordable price. These intelligent serial I/O boards use less than 1% system load so your server won't slow down as you run more applications, attach more devices or service more users.

Installation and set up take just a few minutes. Using the “autoinstall” feature on the supplied SuperSerial CD, your boards will automatically be detected, located and configured. This CD also includes all drivers, manuals, extensive install/diagnostic help and utilities.

SST Multiport Boards are available in 2-, 4-, 8- and 16-port configurations.

EQUINOX EXCLUSIVE



EquiView Plus

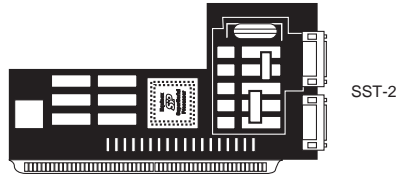
NT Connections Manager

Included with all SuperSerial products!
See pages 14-15 for details.

**DRIVERS FOR MULTIPOINT BOARDS
INCLUDED ON CD-ROM**

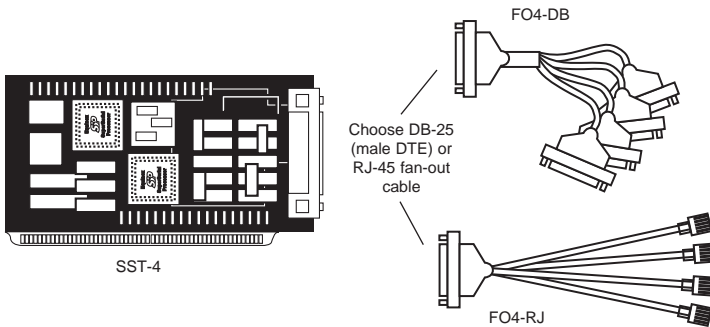
BSDI UNIX	SCO UnixWare
Citrix WinFrame	SCO Xenix
Citrix WinView ⁺	Sun Solaris X86
DOS INT 14 ⁺⁺	UNIX SVR3
Linux	UNIX SVR4
Novell AIO	Windows 95
OS/2 ⁺	Windows NT
SCO UNIX	

** ISA and EISA boards only
* Not supported for 16-port boards*



SST-2

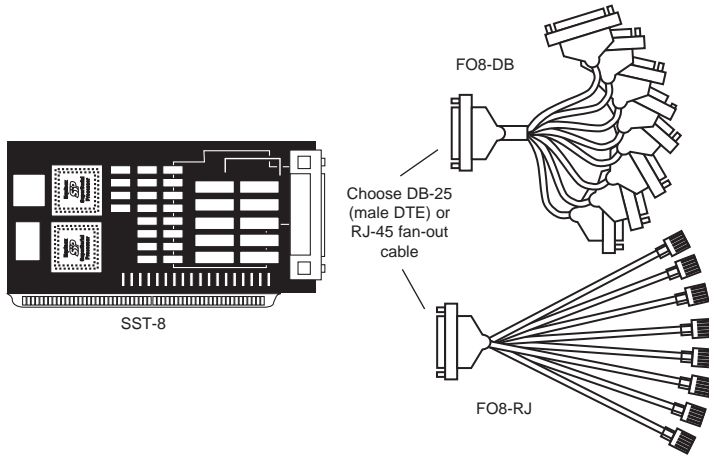
2 PORTS	Board	Part #
	SST-2I ISA	990286
	<i>Two DB-9 connectors on-board</i>	



SST-4

Choose DB-25 (male DTE) or RJ-45 fan-out cable

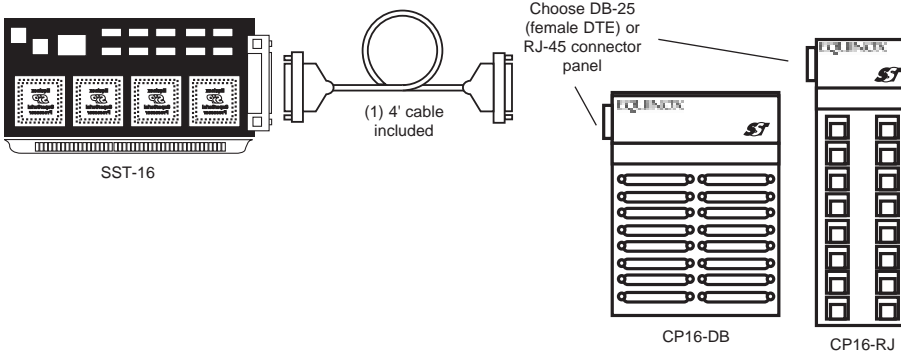
4 PORTS	Boards	Part #
	SST-4I* ISA	990283
	SST-4P* PCI	990299
	SST-4E EISA	990285
	Fan-Out Cables	
	FO4-DB, DB-25	690269
FO4-RJ, RJ-45	690268	
FO4-DB9, DB-9 (male)	690293	
<i>* Available in 10 packs with FO8-DB-25. Call for details.</i>		



SST-8

Choose DB-25 (male DTE) or RJ-45 fan-out cable

8 PORTS	Boards	Part #
	SST-8I* ISA	990265
	SST-8P* PCI	990301
	SST-8E EISA	990266
	Fan-Out Cables	
	FO8-DB, DB-25	690264
FO8-RJ, RJ-45	690265	
FO8-DB9, DB-9 (male)	690271	
<i>* Available in 10 packs with FO8-DB-25. Call for details.</i>		



SST-16

(1) 4' cable included

Choose DB-25 (female DTE) or RJ-45 connector panel

CP16-DB

CP16-RJ

16 PORTS	Boards	Part #
	SST-16I ISA	990324
	SST-16P PCI	990326
Connector Panels		
CP16-DB, DB-25	990327	
CP16-RJ, RJ-45	990328	

Expandable Subsystems



Designed for larger-scale remote access and distributed applications, these intelligent expandable subsystems enable you to connect from 8 to 128 high-speed serial I/O ports to a single host slot.



SST-128P board with PM16-RJ and PM8-DB port modules

Benefits & Features

- Connects from 8 - 128 high-speed serial ports to a single host slot
- Supports speeds up to 230 Kbps per port, full duplex
- Offloads virtually all serial processing from the host CPU
- 15,000 volts multistrike surge protection on every pin of every port
- RS-232 port modules support full modem control on all ports (TXD, RXD, CTS, RTS, DSR, DCD, DTR, RI)
- RS-422 port modules available
- Support for most popular operating systems
- Available for ISA, PCI and EISA platforms — ISA boards are plug-&-play ready
- Multiprocessor NT installations supported with PCI and EISA boards
- Includes comprehensive EquiView Plus NT Connections Manager software, as well as complete port management/ diagnostic tools for Unix
- Provides high availability I/O solutions for NT, Novell and Unix clustering environments
- DB-25 or RJ-45 connectors available
- Five-year warranty

The SST expandable subsystems provide an easy, manageable and cost-effective way to attach up to 128 devices to one slot in your server. SST Expandable Host Controllers are available in 64- and 128-port configurations.



For local or clustered connections, mix and match any combination of port modules (RS-232 or RS-422) with either DB-25 or RJ-45 connectors. You can also connect the SST Modem Pool (*see pages 10-11*) to your server through a Host Controller.

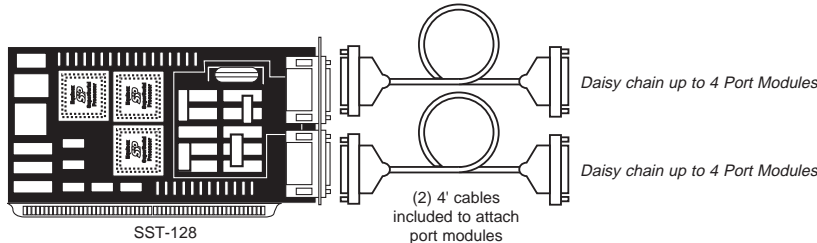
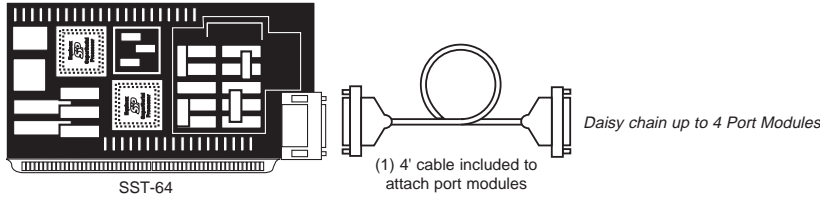
If you want to connect a cluster of serial devices up to 3,500 feet from the server, use the Multiplexer Interface Module (MIM) and the Cluster Multiplexer Module (CMX).

EQUINOX EXCLUSIVE

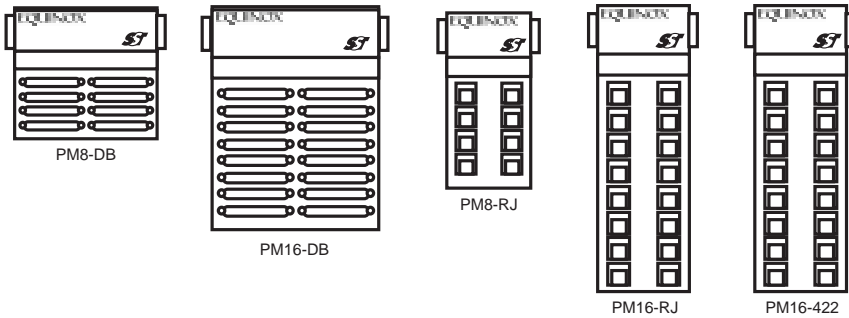


EquiView Plus NT Connections Manager

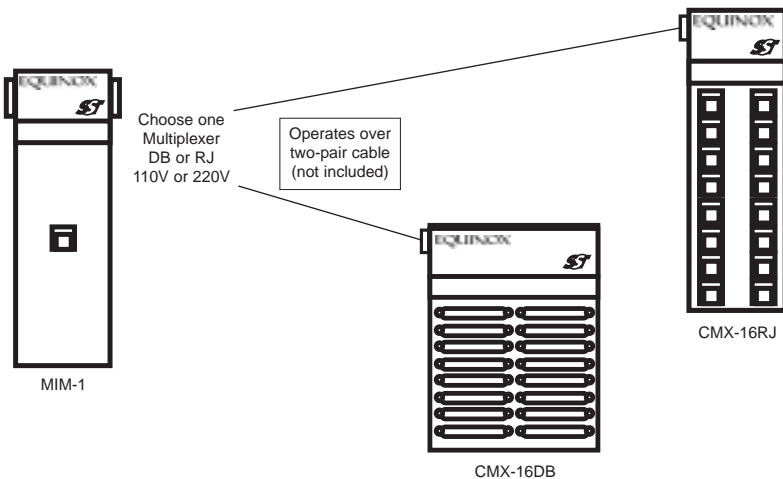
Included with all SuperSerial products!
See pages 14-15 for details.



Any of the following Port Modules can be used together or in any combination up to 200 feet apart



For extended distance use a Multiplexer Interface Module (MIM) in place of a Port Module to connect a Multiplexer (CMX) up to 3,500 feet away



DRIVERS FOR EXPANDABLE SUBSYSTEMS INCLUDED ON CD-ROM

BSDI UNIX	SCO UnixWare
Citrix WinFrame	SCO Xenix
Citrix WinView	Sun Solaris X86
Linux	UNIX SVR3
Novell AIO	UNIX SVR4
OS/2	Windows 95
SCO UNIX	Windows NT

64 PORTS	Boards	Part #
	SST-64I ISA	990268
	SST-64P PCI	990303
	SST-64E EISA	990270

128 PORTS	Boards	Part #
	SST-128I ISA	990269
	SST-128P PCI	990305
	SST-128E EISA	990271

PORT MODULES	DB-25	Part #
	PM8-DB, 8 ports	990255
	PM16-DB, 16 ports	990245
	RJ-45	Part #
	PM8-RJ, 8 ports	990254
	PM16-RJ, 16 ports	990232
	RS-422	Part #
	PM16-422, 16 ports	990322

ACCESSORIES	Power Supply	Part #
	PS-4	990274
	<i>(110/220V external power supply powers up to four Port Modules)</i>	
	Bus Cables	Part #
	25-ft. expansion	690302
	100-ft. expansion	690306
	High Availability	Part #
	Cluster Cable Kit	790162
	<i>(see page 5)</i>	
	Rack Mount Kit	Part #
For port modules (19")	790139	

EXTENDED DISTANCE	Multiplexer Interface	Part #
	MIM-1	990233
	Multiplexers	Part #
	CMX-16DB (110V)	990246
	CMX-16RJ (110V)	990236
	CMX-16DB (220V)	990279
	CMX-16RJ (220V)	990278

S U P E R S E R I A L

Modem Pool



This compact, intelligent chassis provides the easiest and most economical way to attach off-the-shelf internal modems to a host server.



SST Modem Pool (with cover removed)

Benefits & Features

- *Lowest cost per attached modem and lowest usage of your host CPU*
- *Accommodates up to 16 standard internal ISA modems*
- *Modem Pools can be daisy-chained to connect up to 128 modems from one slot in your server*
- *Plug-&-play operation with minimal cabling and no modem configuration required*
- *Achieves up to 115 Kbps throughput on all modems simultaneously*
- *Online modem replacement while the system is running with the Hot Swap feature*
- *Support for most popular operating systems*
- *Provides high availability I/O solutions for NT, Novell and Unix clustering environments*
- *Optional drawer-slide rack mount kit available*
- *Five-year warranty*



SST Modem Pool with 64-port ISA board
(modems not included)

The SST Modem Pool is an affordable server-based alternative to expensive proprietary modem pools. Unlike other products, this high performance chassis supports up to 16 off-the-shelf internal ISA modems. You can mix and match brands, types and speeds to fit your budget and add modems as you need them. The modems can be used with plug-&-play enabled, or can be configured to any COM port setting.

For guidance on modem selection, please visit our Web site at www.equinox.com.

The SST Modem Pool connects to an Expandable Host Controller Board (see pages 8-9) and can be daisy-chained to support up to 128 modems from one slot in your server.

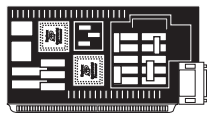
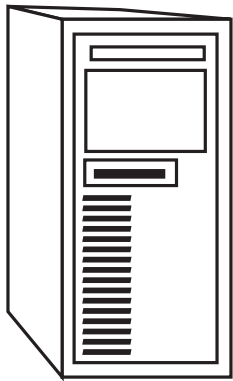
EQUINOX EXCLUSIVE



EquiView Plus

NT Connections Manager

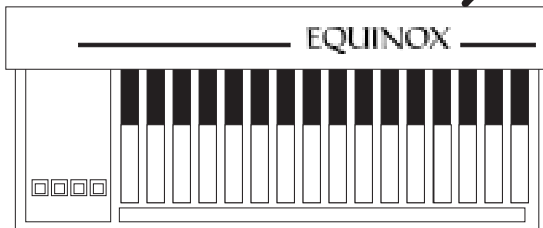
*Included with all SuperSerial products!
See pages 14-15 for details.*



SST-64 or SST-128

Use the 4 ft. cable included, or use a longer bus cable (sold separately)

SST Modem Pool



Use standard internal ISA modems in the SST Modem Pool (modems not included)

For a list of compatible modems, check our Web site: www.equinox.com

DRIVERS FOR MODEM POOL INCLUDED ON CD-ROM

- | | |
|-----------------|-----------------|
| BSDI UNIX | SCO Xenix |
| Citrix WinFrame | Sun Solaris X86 |
| Linux | UNIX SVR3 |
| Novell AIO | UNIX SVR4 |
| SCO UNIX | Windows NT |
| SCO UnixWare | |

MODEM POOL

Modem Pool	Part #
SST Modem Pool <i>(includes 4 ft. cable)</i>	990308

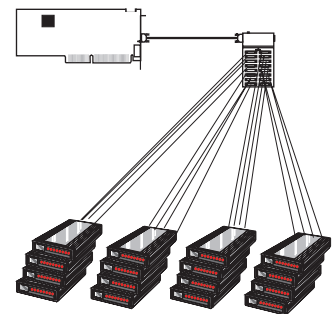
EXPANDABLE HOST CONTROLLERS

Boards	Part #
SST-64I ISA	990268
SST-64P PCI	990303
SST-64E EISA	990270
SST-128I ISA	990269
SST-128P PCI	990305
SST-128E EISA	990271

(see pages 8-9 for more info)

ACCESSORIES

Bus Cables	Part #
25-ft. expansion	690302
100-ft. expansion	690306
High Availability	Part #
Cluster Cable Kit <i>(see page 5)</i>	790162
Rack Mount Kit	Part #
With drawer-slide (19")	790140



Avoid the "modem pile" mess with the SST Modem Pool. You won't need to buy expensive external modems, configure individual signal cables or use individual power cords — and you'll have extra shelf space.

Expandable Configurations



The flexibility and scalability of SuperSerial expandable subsystems enable you to choose the products that fit your specific application.



Host Controller
 SST-64I ISA #990268
 SST-64P PCI #990303
 SST-64E EISA #990270



Host Controller
 SST-128I ISA #990269
 SST-128P PCI #990305
 SST-128E EISA #990271

One 4' expansion cable included with each SST-64 controller and each Modem Pool. Two 4' cables are included with SST-128 controllers.



PM16-DB
 #990245

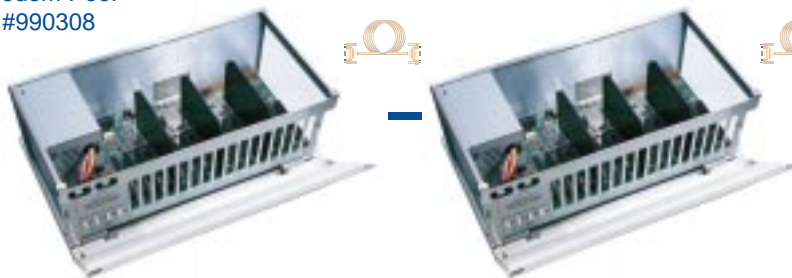
PM8-DB
 #990255

Attach up to 4 modules (in any combination, from 0' to 200' distance) to each SST-64 host controller and up to 8 modules to each SST-128 host controller.

Port Modules can be rack mounted with optional Rack Mount Kit.

If Port Modules are directly attached to host through 4' cable provided, no additional power supply is needed.

Modem Pool
 #990308



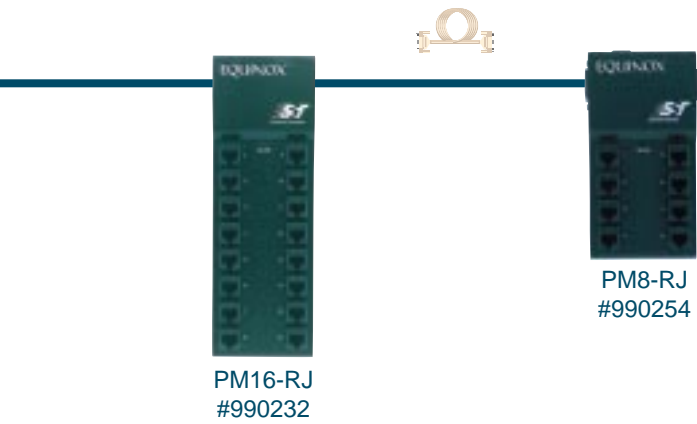
Modem Pools can be daisy-chained (from 4' to 200' distance) to support up to 64 modems from one SST-64 host controller and up to 128 modems from one SST-128 host controller.



MIM
 #990233

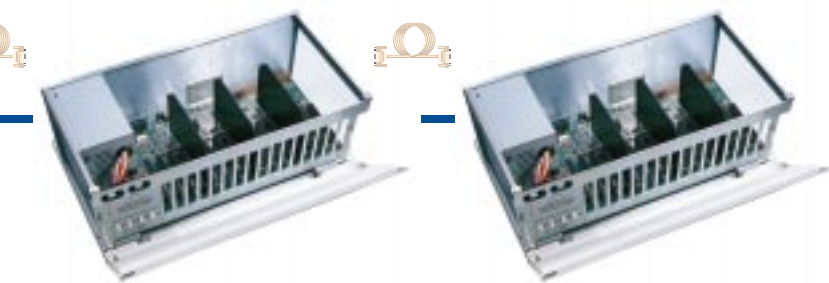
For extended distances, attach up to 4 pairs of MIMs and CMXs to each SST-64 and up to 8 pairs on each SST-128.

	Expansion Bus Cable 4' to 200'
	Unshielded Two-Pair Cable Required Up to 3,500'

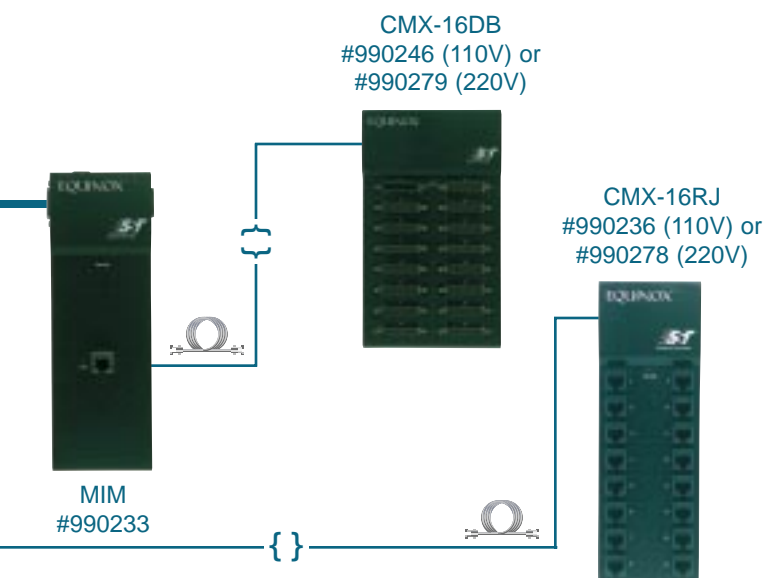


PS-4 power supply (110/220V) can power clusters of up to 4 port modules. Required if:

- Port modules connected to bus through optional expansion bus cables.
- High availability cluster cable kit used.
- Alternative to drawing power from host is needed.



Modem Pools can be rack mounted with optional Rack Mount Kit.



PORT MODULES - LOCAL CONNECTIONS

PM16-DB
#990245

PM16-RJ
#990232 (RS-232) or
#990322 (RS-422)

PM8-DB
#990255

PM8-RJ
#990254

MODEM POOL

Modem Pool
#990308

EXTENDED DISTANCE

Multiplexer
Interface Module
(MIM)
#990233

CMX-16DB
#990246 (110V) or
#990279 (220V)

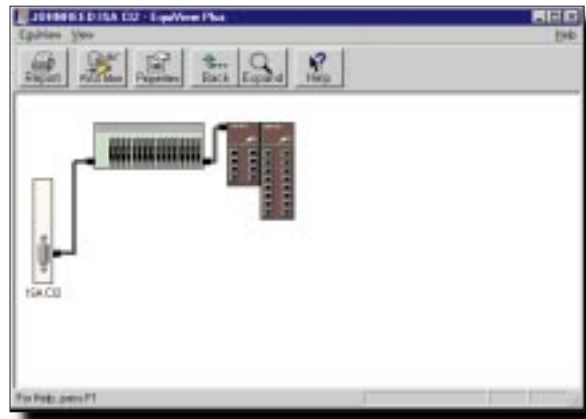
CMX-16RJ
#990236 (110V) or
#990278 (220V)

For accessories, including power supply, expansion cables and Rack Mount Kits, see pages 9 and 11.

EquiView Plus



This NT Connections Manager provides a comprehensive set of software tools that simplifies serial I/O set up, diagnostics and management.



Easily monitor all your modems and serial I/O devices on your network using EquiView Plus.

Benefits & Features

- *Included FREE with all Equinox SuperSerial I/O products*
- *Solve troublesome serial I/O problems easily and quickly, without the need to physically connect test equipment to the system*
- *Easy-to-use graphical interface for monitoring and managing devices attached to Equinox serial ports*
- *Supports SNMP (Simple Network Management Protocol) for LAN and dial-in remote management*
- *View all Equinox devices on your entire network — either locally or remotely*
- *Reset hung modems, run loopback tests, send modem AT commands and more — in the office or miles away*
- *Break-out box displays control signal status on all pins*
- *Adds enhanced modem management functions to off-the-shelf internal ISA modems when used with the SuperSerial Modem Pool (see pages 10-11)*



Monitor individual modems — busy them out, reset them and run loopback tests — while your system is running.

The EquiView Plus NT Connections Manager is the only SNMP-based network management software that simplifies serial I/O diagnostics and management. This Windows NT application provides an easy-to-use graphical interface for monitoring and managing devices attached to your Equinox serial ports.

With SNMP (Simple Network Management Protocol) support built in, you can easily monitor Equinox SuperSerial Modem Pools, terminal servers and serial ports attached to host servers on an Ethernet LAN or WAN — either locally or remotely.

EquiView Plus provides a graphical topology of all attached Equinox products. Simply point and click on the graphics to analyze activity



- *Simulated front panel LED indicators are displayed for each selected modem, showing the state of all modem handshake signals and data activity (even though no LEDs actually exist on the modems themselves)*
- *Complete modem status for each individual modem can be displayed, including software configuration*
- *Online help available every step of the way, including extensive and graphical “Show Me” and “Tell Me How” screens*
- *Monitor, capture and save data for analysis with the datascopes feature, which enables you to easily view data and control signals to debug your serial applications*
- *Equinox Cluster Server Support for Windows NT Enterprise 4.0 provides the only serial product for mission-critical applications*

on the serial hardware, attached cabling and even individual ports and modems.

EquiView Plus provides integration with Windows NT Remote Access Service, allowing you to diagnose idle modems, hot-swap modems that have failed and also busy out a telephone line that is causing problems.

EquiView Plus will reduce your costs of supporting serial I/O applications — and is provided free with all Equinox SuperSerial I/O products. It is easy to use and intuitive, so you can quickly troubleshoot problems with serial I/O and attached devices independent of their applications.



Check the status of all modems by viewing the simulated LED indicators.



Find online help for board specifications, cabling information, hardware and driver installation and more.



Troubleshoot modem problems by viewing actual data sent between the modem and the serial port.



When used with Microsoft Cluster Server, see which SuperSerial ports are controlled by which server.

Retail Point-of-Sale Boards



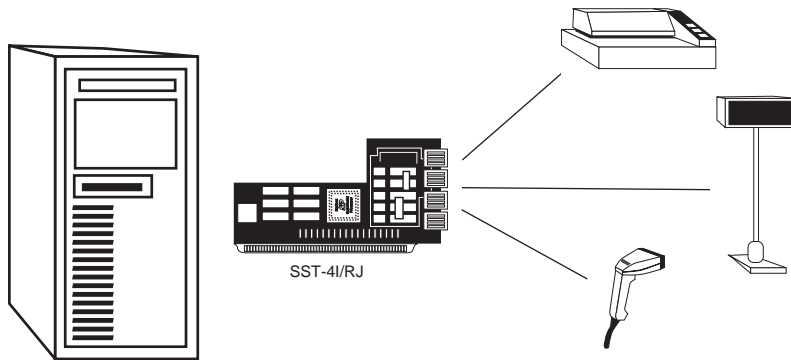
For your point-of-sale and other customized applications, these intelligent boards for retail point-of-sale provide the easiest and most cost-effective solution for connecting devices to a computer.



SST-4I/RJ and SST-8I/RJ boards

Benefits & Features

- Connects up to eight devices to one slot in your server
- Supports speeds up to 230 Kbps with less than 1% CPU load
- Built-in RJ-11 connectors right on the board
- 15,000 volts multistrike surge protection on every pin of every port
- Includes partial modem control on all ports: TXD, RXD, DCD, CTS, DTR (or RTS)
- Available for ISA platforms and are plug-&-play ready
- Includes FREE NT Connections Manager, EquiView Plus
- Five-year warranty



Connect devices such as terminals, printers, scanners, bar code readers and more.

DRIVERS FOR RETAIL POINT-OF-SALE BOARDS INCLUDED ON CD-ROM

- | | |
|--------------|-----------------|
| BSDI UNIX | Sun Solaris X86 |
| Linux | UNIX SVR3 |
| SCO UNIX | UNIX SVR4 |
| SCO UnixWare | Windows 95 |
| SCO Xenix | Windows NT |

Equinox SST Retail Point-of-Sale boards offer an easy and cost-effective solution for point-of-sale, data collection, instrumentation and other customized applications.

The SST-4I/RJ and SST-8I/RJ boards have built-in RJ-11 port connectors right on the board and are plug-&-play ready. The boards support three control and data signals on a six-wire interface. No fan-out cables or port modules are required.

RJ BOARDS

Boards	Part #
SST-4I/RJ ISA, 4-port	990336
SST-8I/RJ* ISA, 8-port	990332

Adapters (RJ-11)	Part #
DB-25 DCE Male	210081
DB-25 DCE Female	210082
DB-25 DTE Male	210083
DB-25 DTE Female	210084
DB-9 Female	210085

Use reversing 6-wire modular cable between boards and adapters.

6-wire Cables	Part #
10 ft. RJ-11 cable	690168
25 ft. RJ-11 cable	690204
75 ft. RJ-11 cable	690205

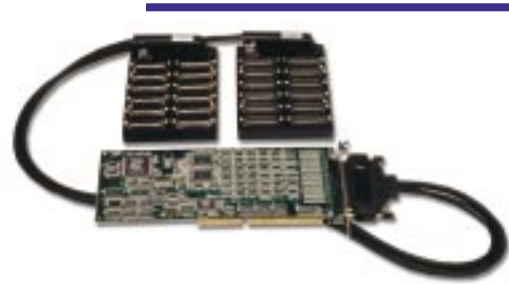
* Available in 10 packs. Call for details.

S U P E R S E R I A L

Megaport Replacement Boards



Pin-compatible replacement boards for the discontinued Equinox 8-, 12- and 24-port Unix Megaport boards.



SSM-24I board with DTE and DCE female distribution panels

DRIVERS FOR MEGAPORT REPLACEMENT BOARDS INCLUDED ON CD-ROM

BSDI UNIX	SCO Xenix
Linux	Sun Solaris X86
SCO UNIX	UNIX SVR3
SCO UnixWare	UNIX SVR4

Benefits & Features

- Supports speeds up to 115 Kbps
- 15,000 volts multistrike surge protection on every pin of every port
- Easy to install and configure with the "autoinstall" feature, no IRQ, I/O ports or memory holes to specify
- Includes partial modem control on all ports: TXD, RXD, DTR (or RTS), DCD (or CTS)
- Support for most popular Unix environments
- Includes comprehensive port management and diagnostic tools for Unix
- Five-year warranty

The Megaport replacement boards combine increased performance and surge suppression — and are pin-compatible with Megaport cables, splitters and distribution panels.

You can attach terminals, printers, point-of-sale and other async RS-232 devices to the SSM-12 and 24-port boards using 12-port distribution panels in either DCE or DTE interfaces. Accessories are available for RJ-11 connections, modular splitters and modular cabling.

Megaport replacement boards are available in 8-, 12- and 24-port configurations.

8 PORTS	Boards	Part #
	SSM-8I ISA	990315
12 PORTS	Boards	Part #
	SSM-12I ISA	990290
	SST-12E EISA	990292
24 PORTS	Boards	Part #
	SSM-24I ISA	990289
	SST-24E EISA	990291
ACCESSORIES	Distribution Panels	
	DB-25, 12-Ports	Part #
	DCE female	990117
	DTE male	990121
	DTE female	990122
	Modular Splitter	Part #
	RJ-11 12-line, 6-wire	210016
	6-wire Modular Cables	Part #
	RJ-11, 10 ft.	690168
	RJ-11, 25 ft.	690204
	RJ-11, 75 ft.	690205
	Modular Adapters	Part #
	RJ-11	Part #
	DB-25 DTE male	210026
	DB-25 DTE female	210027
	DB-25 DCE male	210036
	DB-25 DCE female	210037
	DB-9 female	210038
	Modular Coupler	Part #
	6-wire	210040
	Rack Mount Kit	Part #
	For Panels/Splitters	790092

Tech Specs

	POWER REQUIREMENTS			DIMENSIONS (IN INCHES)			SHIPPING WEIGHT (in lbs)	CONTROL SIGNALS	SURGE SUPPRESSION
	+5V (mA)	+12V (mA)	-12V (mA)	Length	Height	Width			
Multiport Boards									
SST-2I, ISA	130	25	25	6.60	4.20	0.72	2.43	Full	Yes
SST-4I, ISA	140	70	80	6.23	3.90	0.72	2.33	Full	Yes
SST-4E, EISA	935	100	165	7.66	4.40	0.72	2.71	Full	Yes
SST-4P, PCI	300	70	83	5.65	4.20	0.72	2.81	Full	Yes
SST-8I, ISA	300	130	160	6.23	3.90	0.72	2.84	Full	Yes
SST-8E, EISA	1000	100	165	7.66	4.40	0.72	2.87	Full	Yes
SST-8P, PCI	600	130	165	5.65	4.20	0.72	2.81	Full	Yes
SST-16I, ISA	520	80	80	6.50	4.75	0.72	1.34	Full	Yes
SST-16P, PCI	600	80	80	5.38	5.00	0.72	1.34	Full	Yes
Connector Panel									
CP-16 DB	340	260	300	9.62	0.88	5.50	1.78	Full	Yes
CP-16 RJ	340	260	300	9.62	0.88	3.38	1.06	Full	Yes
Expandable Boards									
SST-64I, ISA	850			6.33	4.20	0.72	3.18	Full	Yes
SST-64E, EISA	1100			10.37	4.48	0.72	3.12	Full	Yes
SST-64P, PCI	1100			12.28	4.20	0.72	3.20	Full	Yes
SST-128I, ISA	1350			6.33	4.20	0.72	3.75	Full	Yes
SST-128E, EISA	1650			10.37	4.48	0.72	3.82	Full	Yes
SST-128P, PCI	1650			12.28	4.20	0.72	3.72	Full	Yes
Port Modules									
PM8-DB	880			6.25	0.96	5.56	1.64	Full	Yes
PM8-RJ	880			6.25	0.96	3.22	1.42	Full	Yes
PM16-DB	1250			9.50	0.96	5.56	2.16	Full	Yes
PM16-RJ	1250			9.50	0.96	3.22	1.38	Full	Yes
PM16-RJ/422	1250			9.50	0.96	3.22	2.30	None	Yes
MIM-1	630			9.50	0.96	3.22	1.28	Full	Yes
CMX16-DB	830			15.56	0.96	5.74	4.37	Full	Yes
CMX16-RJ	830			9.50	0.96	3.22	4.32	Full	Yes
Modem Pool	Integral Universal Power Supply			10.00	7.00	17.43	21.87	Full	Yes
Retail Point-of-Sale Boards									
SST-4I/RJ	170	50	55	6.25	4.30	0.72	0.88	Partial	Yes
SST-8I/RJ	330	105	120	6.50	4.40	0.72	0.88	Partial	Yes
Megaport Replacement Boards									
SSM-8I, ISA	250	70	90	6.50	4.40	0.72	4.24	Partial	Yes
SSM-12I, ISA	930	100	140	10.50	4.20	0.72	4.87	Partial	Yes
SSM-12E, EISA	930	100	140	10.88	4.40	0.72	4.39	Partial	Yes
SSM-24I, ISA	1100	200	70	10.50	4.20	0.72	4.78	Partial	Yes
SSM-24E, EISA	1100	200	70	10.88	4.40	0.72	4.76	Partial	Yes

All products above have an operating temperature/humidity of 0 to 55C/15-95% and a storage temperature/humidity of -40 to 70C/15-95%. Equinox SuperSerial products meet FCC and CE compliance requirements.

More Cables, Adapters and Kits

Brief list of additional cables, adapters and kits. Please refer to SuperSerial price list for complete list of products.

MODULAR CABLES (SST)	RJ-45 Male Connectors	Part #
	10-wire, 10 feet	690252
	10-wire, 25 feet	690253
	10-wire, 75 feet	690254

MODULAR ADAPTERS (SST)	RJ-45, 10-wire	Part #
	DB-25 DTE male <i>(for modems and other female DCE devices)</i>	210068
	DB-25 DTE female <i>(for male DCE devices, non-standard devices)</i>	210069
	DB-25 DCE male <i>(for terminals, printers, etc.)</i>	210070
	DB-25 DCE female <i>(for IBM PC/XT, PS/2 and other male DTE devices)</i>	210071
	DB-9 female <i>(for IBM PC/AT serial ports)</i>	210072

HIGH AVAILABILITY	<i>Includes: Primary and redundant cables. (Requires expansion bus cable - see pages 9 and 11)</i>	
	High Availability Cluster Cable Kit <i>(see page 5)</i>	Part # 790162

MODULAR CABLEING STARTER KITS	Starter Kits are offered to simplify installation of Equinox products. Each kit includes: (1) 10-ft. cable, (1) DB-25 DCE male adapter, (1) DB-25 DTE male adapter, (1) DB-25 DCE female adapter, (1) DB-25 DTE female adapter, and (1) DB-9 female adapter	
	Modular Cable Starter Kit	Part #
	10-wire <i>(for SST products)</i>	750080
	6-wire <i>(for SSM products)</i>	750078
	6-wire/3-control <i>(for Retail Point-of-Sale products)</i>	750107

MISC.	Modem Cable	Part #
	RJ-45 to RJ-45 10' cable <i>(for use with USR/3COM, Compaq/Microcom and Hayes MR 200)</i>	690294

Here are just a few companies currently using Equinox products:

ABC TELEVISION NETWORK	ERNST & YOUNG	PENNWALT CORPORATION
AC NIELSEN	EXXON CORPORATION	PEPSI-COLA COMPANY
ACER COMPUTER	FEDERAL EXPRESS	PHILIP MORRIS USA
ADAPTEC	FORD MOTOR COMPANY	PIONEER
ADIDAS	GE CAPITAL IT SOLUTIONS	PITNEY BOWES
ADP	GENERAL ELECTRIC COMPANY	POLAROID CORPORATION
AMERICAN EXPRESS	GENERAL MILLS	PRATT AND WHITNEY
AMOCO OIL COMPANY	GENERAL MOTORS	PRENTICE HALL SOFTWARE
ARTHUR ANDERSEN	GOODYEAR TIRE & RUBBER CO.	PROCTER & GAMBLE
ARTISOFT	GRUMMAN AEROSPACE	QUAKER OATS COMPANY
AST COMPUTER	GTE COMMUNICATIONS CORP.	RANDOM HOUSE
AT&T	HAYES MICROCOMPUTER PRODUCTS	RAYTHEON CORPORATION
BANCTEC FINANCIAL SYSTEMS	HEWLETT PACKARD	RJ REYNOLDS
BELL LABS	HITACHI	SANTA CRUZ OPERATIONS
BOEING AEROSPACE	HONEYWELL INCORPORATED	SCOTT PAPER COMPANY
BP OIL COMPANY	HUGHES AIRCRAFT COMPANY	SEAGATE TECHNOLOGY
CABLE AND WIRELESS INC.	IBM CORPORATION	SEAGRAMS
CABLETRON SYSTEMS	IKON OFFICE SOLUTIONS	SEARS ROEBUCK & COMPANY
CANON INFORMATION SYSTEMS	INACOM INFORMATION SYSTEMS	SHARP ELECTRONICS
CHASE MANHATTAN BANK	INTEL CORPORATION	SHELL OIL COMPANY
CHEMICAL BANK	JOHNSON & JOHNSON	SIEMENS NIXDORF
CHEVRON & CO.	KELLOGG COMPANY	SMITH KLEIN AND FRENCH LABS
CHEYENNE SOFTWARE	KIMBERLY CLARK	SONY MUSIC ENTERTAINMENT INC.
CHRYSLER CORPORATION	KNIGHT-RIDDER FINANCIAL	SOUTHWESTERN BELL
CITIBANK	LOCKHEED MARTIN AEROSPACE	SPERRY CORPORATION
CITRIX SYSTEMS, INC.	LUCENT TECHNOLOGIES	SPRINT
COCA-COLA COMPANY	MARRIOTT	TEXACO INC.
COMPAQ	MARTIN MARIETTA CORPORATION	TIMES-CITIZEN COMPANY
COMPUADD	MCDONNELL DOUGLAS	TOSHIBA INTERNATIONAL CORP.
COMPUCOM SYSTEMS	MCI TELECOMMUNICATIONS	TRAVENOL LABS
COMPUTER SCIENCE CORPORATION	MERRILL LYNCH	TRW
CONTROL DATA SYSTEMS	MILLER BREWING COMPANY	U.S. SUGAR CORPORATION
CORNING LABS	MONSANTO	UNION CARBIDE CORPORATION
DATA GENERAL	MOTOROLA	UNISYS
DATA RESOURCES CORPORATION	NATIONSBANK	UNITED PARCEL SERVICE
DATAFLEX	NCR CORPORATION (AT&T)	UNITED TECHNOLOGIES
DELL COMPUTERS	NEC AMERICA	UNIVERSAL STUDIOS
DIGITAL EQUIPMENT CORPORATION	NISSAN MOTOR MFG.	UNIVERSITY OF NOTRE DAME
DOW CHEMICAL	NORTHERN TELECOM INC.	US STEEL
E I DUPONT COMPANY	NOVELL INCORPORATED	VANSTAR CORPORATION
EASTMAN KODAK COMPANY	OKIDATA	W.R. GRACE & COMPANY
EDS	OWENS CORNING FIBERGLASS	WESTINGHOUSE
ENTEX INFORMATION SYSTEMS	PAINWEBBER	XEROX CORPORATION
ER SQUIBB & SON	PANASONIC	ZENITH

Equinox Systems
One Equinox Way
Sunrise, FL 33351

Toll Free: 800-275-3500
Voice: 954-746-9000
Fax: 954-746-9101

info@equinox.com

www.equinox.com

EQUINOX