

SST Multiport Serial Adapters

PCI Bus-Based Solutions



Serial adapters support both a 3.3V or 5V PCI bus with unmatched speed, reliability and superior performance

Designed for ultimate flexibility, Avocent SST multiport serial adapters are available with support for 4 to 64 ports. These intelligent leading-edge adapters support a 3.3V or a 5V PCI bus and offload virtually all serial traffic from your system CPU so servers won't slow down as I/O demand increases. Engineered for reliability, SST adapters include 15,000 volt surge suppression on every pin of every port eliminating blown ports from transient electrical spikes. With unmatched speed, surge suppression and superior performance, these intelligent adapters provide cost-effective, reliable connections to serial devices for most popular operating systems. Serial adapters used in conjunction with port modules offer flexible distance options. Avocent serial adapters offer a variety of choices for retail/POS, multiport and expandable connectivity.

FEATURES AND BENEFITS

- **Serial Signaling**
RS-232
- **Universal Connectivity**
Supports 3.3V or 5V PCI bus.
- **Offloading**
Offloads virtually all serial processing from the host CPU.
- **Surge Protection**
Each adapter includes 15K volt surge protection on every pin of every port.
- **Auto-Install**
Easy to install and configure with the "auto install" feature; no IRQ, I/O ports or memory holes to specify.
- **Control Signals**
Retail POS: TXD, RXD, DCD, CTS, DTR or RTS.

Multiport and Expandable: TXD, RXD, CTS, RTS, DSR, DCD, DTR, RI.
- **Speed**
Retail POS: Speeds up to 230 Kbps, full duplex.

Multiport: Speeds up to 920 Kbps, full duplex.

Expandable: Speeds up to 115 Kbps, full duplex.

SST Multiport Serial Adapters

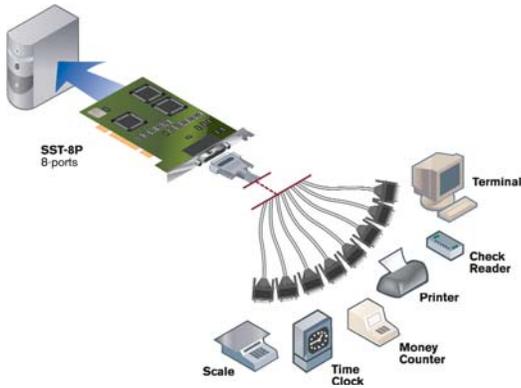
Multiport and Expandable Adapters 4, 8, and 64 ports (RoHS)	Multiport		Expandable
Retail POS Adapters 4 and 8 ports (Non-RoHS)	 SST-4P (RoHS)	 SST-8P (RoHS)	 SST-64P (RoHS)
		 SST-4P/RJ UNIV (Non-RoHS)	 SST-8P/RJ UNIV (Non-RoHS)

Fan-out Cables and Port Modules



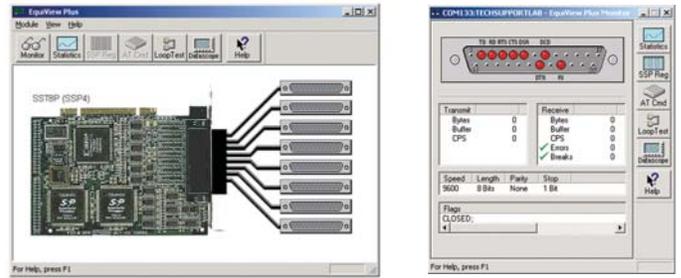
Fan-out cables are available with DB-25, DB-9 or RJ-45 connectors to provide flexibility when connecting serial devices.

MULTIPOINT APPLICATION



A variety of applications use multiport adapters and fan-out cables to connect serial devices such as terminals, printers, time clocks, check readers, money counters and scales.

PORT MANAGEMENT SOFTWARE



Serial devices connected to serial adapters may be monitored and managed on a port by port basis with EquiView Plus for Windows and SSdiag for UNIX.

TECHNICAL SPECIFICATIONS

	SST-4P/RJ UNIV* (Non-RoHS)	SST-8P/RJ UNIV* (Non-RoHS)	SST-4P (RoHS) Requires fan-out cable	SST-8P (RoHS) Requires fan-out cable	SST-8AP (RoHS) Requires PM16 RJ-45	PM16-RJ, Fem, RJ-45 (RoHS)
PART #	990454	990452	990480	990481	990482	990483
POWER						
3.3V (mA)	<20	<20	<20	<20	<20	N/A
5V (mA)	350	500	440	620	700	1250
12V (mA)	35	70	60	110	N/A	N/A
-12V (mA)	-45	-90	-70	-100	N/A	N/A
DIMENSIONS	3.90 in. (99 mm) H 0.75 in. (19 mm) W 6.10 in. (155 mm) D	4.00 in. (101 mm) H 0.75 in. (19 mm) W 5.60 in. (142 mm) D	2.60 in. (66 mm) H 0.75 in. (19 mm) W 4.70 in. (119 mm) D	4.20 in. (106 mm) H 0.75 in. (19 mm) W 5.70 in. (145 mm) D	4.75 in. (120 mm) H 0.75 in. (19 mm) W 5.60 in. (142 mm) D	0.96 in. (24 mm) H 9.50 in. (241 mm) W 3.22 in. (81 mm) D
SHIPPING WEIGHT	1.00 lb. (0.45 Kg)	1.00 lb. (0.45 Kg)	1.00 lb. (0.45 Kg)	1.00 lbs. (0.45 Kg)	2.00 lbs. (0.91 Kg)	2.00 lbs. (0.91 Kg)
SPEED (Kbps)	230	230	920	920	230	N/A
MODEM CONTROL	Partial	Partial	Full	Full	Full	Full
SURGE SUPPORT	Surge suppression on every pin of every port					
OS SUPPORT	Windows NT/2000/2003/XP, Citrix, Linux, AIX, Unix, SCO, and Solaris.					



* Available in 10-Packs.

Fan-out Cables (RoHS)

4-Port Cables	Part #	8-Port Cables	Part #
FO4-DB-9/LP, Male	690367	FO8-DB-9/LP, Male	690370
FO4-RJ-45	690368	FO8-RJ-45	690371
FO4-DB-25, Male	690369	FO8-DB-25, Male	690372

Modular adapters and serial reversing cables are available for all models listed.

CONFORMANCE



FCC P. 15 Class A, CE, UL60950 3rd Ed., CAN/CSA C22.2 No. 60950-00

ENVIRONMENTAL

Operating temperature: 0° - 40° C
Humidity: 10% to 90% (Non-condensing)

WARRANTY

All SST serial adapters and port modules have a five-year warranty.



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