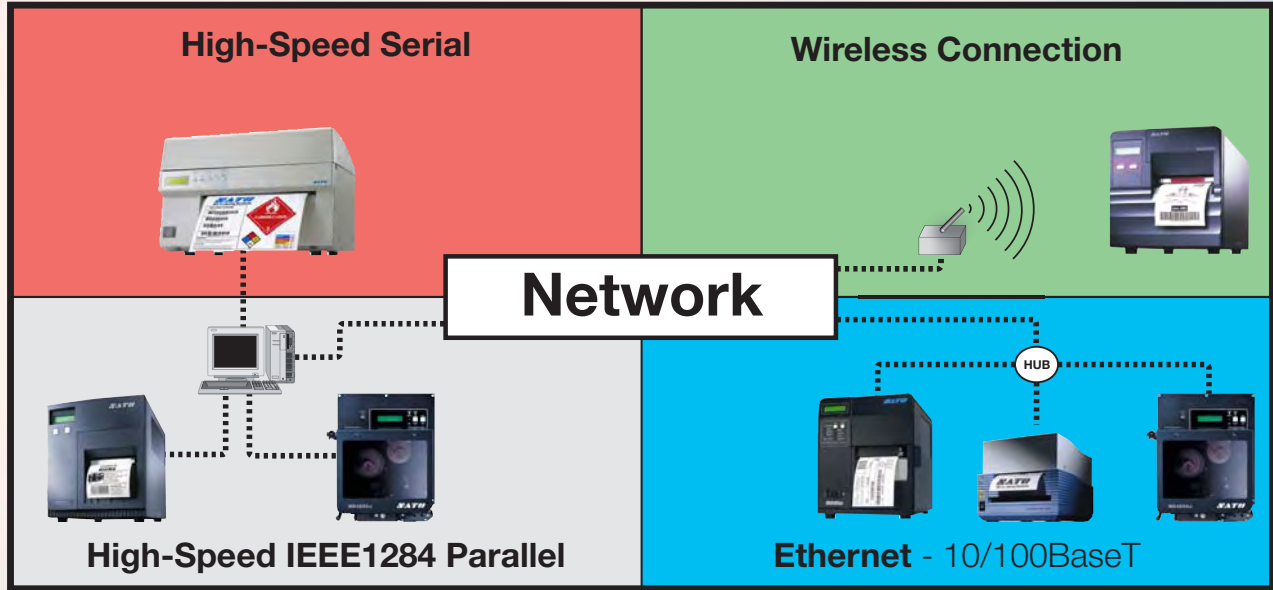


Plug-In Interface Cards



All SATO Industrial Printers use Plug-In Interface Cards for maximum flexibility. They can be easily changed in the field in a matter of seconds to accommodate any of the commonly used host interfaces.



IEEE1284 - High-Speed Parallel

- Connector:**
Standard Centronics 36 Pin (Female)
- Transmission Speed:**
Up to 450k bytes per second
- Port Type Compatibility:**
ECP/Bi-Directional compatible
- Printer Cable Type:**
IEEE1284 Compliant Parallel
(Cable not included)
- Max. Printer Cable Length:**
10 feet (3 meters)



Serial Interfaces

RS232 - High-Speed

- Connector:**
Standard DB-25S (Female)
- Settings via dip switch on the board:**
Baud Rates: 9600, 19200, 38400, 57600
- Communication Protocols:**
Ready/Busy, Xon/Xoff, SATO Status 2, 3 and 4
- Printer Cable Type:**
NULL MODEM cable when connected to a standard PC RS232C port. (Cable not included)
- Max. Printer Cable Length:**
50 feet at up to 19,200 baud rate. Determined by cable quality and baud rate. Refer to the ANSI/EIA RS232C spec for more info.








RS422/485

- Connector:**
2 Standard DB-9 (Female); Supports Multi-Drop of up to 32 printers
- Settings via dip switch on the board:**
Baud Rates: 2400, 4800, 9600, 19200
Parity: ODD, EVEN, NONE
Stop Bits: 1 or 2 / Data Bits: 7 to 8
- Communication Protocols:**
Ready/Busy, Xon/Xoff, SATO Status 3
- Printer Cable Type:**
RS422/485 Standard Cable (Cable not included)
- Max. Printer Cable Length:**
3,900 Feet

SATO Plug-In Interface Cards



Ethernet Connections

| 10BaseT/100BaseTX | 802.11b Wireless | External Print Server |
|---|---|--|
| <p>Connector: RJ-45 on interface (100BaseTX & 10BaseT)</p> <p>Cabling: CAT5 (Cable not included)</p> <p>Web-Based Server SATO's WPCPlus™ provides unparalleled control over printer administration from virtually anywhere.</p> <p>Features:</p> <ul style="list-style-type: none"> •Printer Setting Control •Real-Time Printer Status •Easy Access via Internet   | <p>Variable Data Rates: 11, 5.5, 2 and 1Mbps</p> <p>Frequency Band: 2.4GHz ISM Band</p> <p>Wired Equivalent Privacy: 128-bit, 64-bit</p> <p>WPA: TKIP, IEEE802.1x TLS</p> <p>SensitivityType: AWGN, 8E-2 PER</p> <p>Sensitivity Rates: -91dBm at 1Mbps, -88dBm at 2 Mbps, -87dBm at 5.5Mbps, -84dBm at 11Mbps</p> <p>Range: 100m Indoor, 300m Outdoor</p> <p>Web-Based Server SATO's WPCPlus™ provides unparalleled control over printer administration from virtually anywhere.</p> <p>Features:</p> <ul style="list-style-type: none"> •Printer Setting Control •Real-Time Printer Status •Easy Access via Internet   | <p>100baseTX/10baseT print server w/ 1 parallel & 1 serial port & TCP/IP, IPX/SPX, NetBEUI, NetBIOS IP, DLC/LLC, Direct Mode IP/IPX.</p> <p>Physical: 2.5" (6.4 cm) x 1" (2.5 cm) x 4.4" (11.2 cm)</p> <p>Electrical: Input Power: 1A@5VDC/ External Power Supply: 115VAC (U.S.)</p> <p>I/O Compatibility: IEEE1284 bi-directional Centronics-parallel (36-pin Centronics 1284B female connector) RS232 serial port (RJ45 connector) with program selectable baud rates to 57.6k bps</p>  |

General Ethernet Specifications:

Protocols Supported

- TCP/IP, Netware, SNMP, SMTP, NetBEUI, NetBIOS, TCP

Support Materials:

- Printed Quick Start Guide
- CD incl. Administrators Manual (PDF), Admin Manager, Port Monitor Software

Compatibility:

- HP's JetAdmin and Web JetAdmin printer management software
- Admin Manager for easy configuration from Windows
- Admin Manager web-browser facility (incl. multilingual capability)

- Print server console accessible via serial port, TELNET or NetWare, NetWare PCONSOLE, PRINTDE, NWADMIN
- Simple Network Management Protocol (SNMP) MIB I & II, IP or IPX

Features

- IP address configuration via serial port, arp, rarp, DHCP, BOOTP, Admin Manager, HP JetAdmin, NetWare
- On-line HELP
- Diagnostics, incl. protocol tracing & crash dump
- Test page and factory settings switch

