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)
- **Printer Cable Length**: Maximum 10 ft (3 m)

### USB

- **Connector**: USB Type B
- **Transmission Speed**: 1.5 Mbps
- **Printer Cable Type**: USB Type A Male to USB Type B Male (cable not included)
- **Printer Cable Length**: Maximum 10 ft (3 m)

### Serial Interfaces

#### RS232 – High Speed

- **Connector**: Standard DB-25S (Female)
- **Settings**: 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)
- **Printer Cable Length**: Maximum 50 ft up to 19,200 baud rate. Determined by cable quality & baud rate. Refer to ANSI/EIA RS232C spec for more info.

#### RS422/485

- **Connector**: 2 Standard DB-9 (Female)
- **Dip Switch Settings On The Board**: Supports Multi-Drop of up to 32 printers.
- **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)
- **Printer Cable Length**: Maximum 3,900 ft (1,188.72 m)
# GENERAL SPECIFICATIONS

## Plug-In Interface Cards

**PRINTER MODEL**
- M84 Pro
- GT408e
- GT412e
- GT424e
- CL408e
- CL412e
- CL608e
- CL612e
- M5900RV e
- M10 e
- LM408 e
- LM412 e
- Lt408
- S84 Series
- M84S e Series

### Ethernet Connections

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### Protocols Supported
- TCP/IP
- SMTP
- NetBEUI
- NetBIOS

### Supported Materials
- Printed Quick Start Guide
- CD includes Administrators Manual (PDF), Admin Manager, Port Monitor Software, SATO’s All-In-One Utility

### Compatibility
- HP’s JetAdmin and Web JetAdmin printer management software
- SATO All In One Tool for easy configuration from Windows
- Simple Network Management Protocol (SNMP) MIB I & II, IP or IPX

### Features
- On-line HELP
- Test page and factory settings DIP switch

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**Plug-In Interface Compatibility**

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<tr>
<th>PRINTER MODEL</th>
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<tr>
<td>IEEE1284 Parallel</td>
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