Zebra® 105*SL*™

Thermal, On-demand, All-metal Bar Code Printer

Serious about bar coding? Here's the choice of experience.

The 105*SL* is the newest member of Zebra's S Series™, and it's also the fastest, combining enhanced memory and processing capacity with rugged and reliable all-metal construction. Based on a proven platform, the 105*SL* is the choice of experienced users.

Cutting-Edge Network Connectivity

The 105*SL* offers superior connectivity solutions including wired and wireless Ethernet options. For 802.11b wireless Ethernet connectivity that frees you to move or reconfigure the printer without costly recabling, look to the Zebranet® Wireless Card Socket option. With ZebraLink™, gain the efficiency of centralized printer management through Alert and WebView (with ZebraNet® PrintServer II). ZBI™ (Zebra BASIC Interpreter™) enables stand-alone operation of a 105*SL* and peripheral devices, such as scales and scanner wands, without the need for a PC host. ZBI can then transmit data captured from these devices over your network via e-mail or TCP/IP messaging.

Test drive a 105*SL* with ZebraLink today at www.zebra.com/livelink!

The 105*SL* is ideal for moderate-to high-volume printing applications (including distributed, batch, or single format) in:

• Manufacturing and compliance labeling

• Logistics and inventory control

• Product identification marking

• Work-in-process

Zebra

Connect with it. Count on it.™

105*SL*™

A tough steel housing, metal interior components, and an extruded metal printhead mechanism contribute to the105*SL*'s reliability in industrial environments.

MAXIMUM PRINT AREA
Width: 4.09″/104 mm
Length with 203 dpi:
 106″/2,692 mm (with standard memory)
Length with 300 dpi (optional):
 65″/1,651 mm (with standard memory)

RESOLUTIONS
203 dpi/8 dots per mm;
 300 dpi/12 dots per mm (optional)

MAXIMUM PRINT SPEED
8″/203 mm per second (203/300 dpi)

MEMORY
Standard: 6 MB SDRAM (3 MB user-available)
2 MB Flash (768 KB user-available);
 Optional: 8 MB Flash (PCMCIA card)

PHYSICAL CHARACTERISTICS
Width: 11.2″/283 mm
Depth: 19.5″/495 mm
Height: 15.5″/394 mm
Weight: 55 lbs/25 kg

MEDIA SPECIFICATIONS
Label and liner width:
 .79″/20 mm to 4.52″/115 mm
Ribbon width:
 .79″/20 mm to 4.5″/114 mm

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.

Specifications at a Glance*

▶ STANDARD FEATURES

Print methods: Thermal transfer or direct thermal
Construction: Steel frame and cabinet with metal interior components
Thin film printhead with E3® Printhead Energy Control
Fast 32-bit processing
Selectable print speeds up to 8″/second
ZebraLink™ connectivity
Transmissive media sensor
Standard 2-line, 16-character LCD control panel

Zebra Programming Language
ZPL® & ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.
ZBI™—Controls and interprets text and data from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

▶ OPERATING CHARACTERISTICS

Environment
Operating Temp. 41° F/5° C to 104° F/40° C
Storage/Transport Environ. -40° F/-40° C to 140° F/60° C
Operating Humidity 20-85% non-condensing
Storage Humidity 5-85% non-condensing

Electrical
Universal power supply with factor correction 90-264 VAC; 48-63 Hz

Communication Interface Capabilities
Centronics® RS-232 RS-422*, and RS-485* serial ports; IEEE 1284 bi-directional parallel

Agency Approvals
UL 1950; CISPR 22 (Class B); CSA 950; IEC 950; 801-2, -3 and -4 standards; Canadian Doc. (Class A); FCC (Class A); CE compliance
*may require optional adapter

▶ MEDIA CHARACTERISTICS

Labels
Max. Roll Size: 8″/203 mm O.D. on a 3″/76 mm I.D. core
Thickness (label & liner): .003″/.076 mm to .0012″/.305 mm
Media Types: Roll-feed, die-cut, continuous, fanfold, tags, tickets
For optimum print quality and print engine performance, use Genuine Zebra® supplies.

Ribbons
Max. Roll Size: 3.2″/81.3 mm O.D. on a 1″/25.4 mm I.D. core
Standard Lengths: 984′/300 m-1,476′/450 m capacity; provides 2:1 and 3:1 media roll to ribbon ratios
Ribbon Setup: Ribbon wound ink side out
Ribbon is recommended to be at least as wide as media.

▶ FONTS/GRAPHICS/SYMBOLOGIES

Fonts and Character Sets
Standard Fonts: 9 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
Sets: IBM® Code Page 850 International character set
Optional European and Asian font sets

Graphic Features
Supports user-defined fonts and graphics—including custom logos
ZPL II drawing commands—including boxes, circles and diagonal lines

Bar Code Symbologies
Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-Dimensional: CODABLOCK, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, Micro PDF417

▶ OPTIONS AND ACCESSORIES

300 dpi printhead
PCMCIA memory slot (up to 8 MB Flash)
Full width cutter with orderable catch tray
Internal rewind spindle
Peel/liner rewind (for print-and-apply)
Reflective media sensor
Fan-fold bin
ZebraNet® PrintServer II (internal or external)
ZebraNet Wireless Card socket
Twinax and coax interfaces (internal)
BAR-ONE® software
European and Asian font sets