Zebra® 105*SL*™

Serious About Bar Coding?
Here's the Choice of Experience

The 105*SL* combines enhanced memory, processing capacity, and features with rugged and reliable all-metal construction. Proven platform longevity plus fast processing and print speed make it the choice of experienced users who value reliability, productivity, consistent print quality, network compatibility, and superior service and support.

Cutting-Edge Network Connectivity

The 105*SL* offers flexible connectivity options including ZebraNet® Wireless Plus print server to free you to move or reconfigure the printer without costly recabling, plus ZebraNet 10/100 Print Server, which offers a complete wired solution when using 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks. And with Zebra advanced printer management, gain the efficiency and the ease of centralized monitoring and control of your Zebra printers and ZebraNet print servers.

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

GENUINE ZEBRA™ SUPPLIES
Get the most out of your resources—use genuine Zebra supplies! Our wide range of printer media and ribbons are Zebra-manufactured and -tested to ensure optimal performance in Zebra printers.

▶ **For more information, visit www.zebra.com**

American Barcode and RFID (AB&R) | 3431 East Elwood Street | Phoenix, AZ 85040 | 800-281-3056

Specifications at a Glance*

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Steel frame and cabinet with metal interior components
- Single-level Element Energy Equalizer™ (E^3™)for superior print quality
- Fast 32-bit processing
- Selectable print speeds up to 8"/second
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel
- Internal real-time clock
- Unicode™ compliant
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

Printer Specifications

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

Memory
- Standard: 6 MB SDRAM; 4 MB Flash
- Optional:
  Up to 256 MB—PCMCIA card or CompactFlash® (CompactFlash not supported with ZebraNet Wireless Plus)
  64 MB Flash memory (factory installed)

Print Width
- Width: 4.09"/104 mm
- Print Length with 203 dpi: 106"/2,692 mm (with standard memory)
- Print Length with 300 dpi (optional): 65"/1,651 mm (with standard memory)

Print Speed
8"/203 mm per second (203/300 dpi)

Media Sensors
Transmissive (standard) and Reflective (optional)

Media Characteristics

Maximum label and liner length
39"/991 mm

Maximum label and liner width
.79"/20 mm to 4.52"/115 mm

Maximum roll outer diameter (O.D.)
8"/203 mm

Core inner diameter (I.D.)
3"/76 mm

Media thickness
.003"/.076 mm to .012"/.305 mm

Media types
Roll-feed, die-cut, continuous, fanfold, tags, tickets

Ribbon Characteristics

Outside diameter
3.2"/81.3 mm

Standard length
984'/300 m to 1,476'/450 m

Ratio
2:1 and 3:1 media roll to ribbon ratio

Width
.79"/20 mm to 4.5"/114 mm

Ribbon setup
- Ribbon wound ink side out
- Ribbon is recommended to be at least as wide as media.

Core inner diameter (I.D.)
1"/25.4 mm

Operating Characteristics

Environmental
- Operating Temp. 32° F/0° C to 104° F/40° C
- Storage/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

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

Physical Characteristics
- Width: 11.2"/283 mm
- Height: 15.5"/394 mm
- Depth: 19.5"/495 mm
- Weight: 55 lbs/25 kg
- Shipping weight: 63 lbs./29 kg

Related Products

Options and Accessories
- 300 dpi printhead
- Full width cutter with orderable catch tray
- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor
- Fanfold bin

Zebralink™ Solutions

Software
- ZebraDesigner™ Pro
- ZebraDesigner for XML
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- European and Asian font sets
- ZBI-Developer™

Networking
- ZebraNet® 10/100 Print Server
- ZebraNet Wireless Plus
- Twinax and coax interfaces (internal)

Firmware
- ZPL ll®
- Global Printing
- APL-I™/APL-D™ (Contact Zebra Development Services for additional details)
- Web View
- Alert
- XML-Enabled printing
- ZBI 2.0™

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

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, GS1 DataBar (RSS)

2-Dimensional
Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, GS1 DataBar (RSS), Aztec

Fonts and Graphics

Fonts and Character Sets
- Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Contains UFST® from Monotype Imaging, Inc.

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

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