Zebra® 105SL*Plus*™

ZEBRA
TECHNOLOGIES

SEE MORE. DO MORE.

Zebra's 105SLPlus combines durability and ease of use to offer you a high-performance printer that is easy to operate.

With its all-metal construction and robust print mechanism, this dependable printer is designed to perform 24/7 in the toughest manufacturing and warehousing environments.

The printer's intuitive, icon-based, multilingual graphical LCD user interface minimizes user training and makes the printer ideal for a multitude of languages and global applications. The simplified ribbon-loading process eases downtime. And, as an ENERGY STAR® qualified printer, the 105SLPlus is easier on your wallet.

Using Zebra's proven electronics platform, the 105SLPlus is engineered for high-volume applications—and features plenty of memory to store formats, fonts and graphics. Element Energy Equalizer™ (E³™) technology extends the life of the printhead and provides outstanding print quality.

The 105SLPlus is designed to easily fit into existing operations. The printer comes with multiple standard connectivity options including Parallel, Serial, USB and Ethernet coupled with full backward compatibility—making integration fast and simple. For added connectivity, choose the optional ZebraNet® b/g Print Server for wireless support.

Ideal for These Applications

Manufacturing:
product identification labeling, packaging labeling, receiving/ put-away labeling, work-in-process

Transportation & Logistics:
order picking/packing, shipping/ receiving, cross-docking, compliance labeling

Retail:
shipping, returns

Government:
asset tracking, compliance labeling, inventory labeling

SPECIFICATIONS AT A GLANCE*

Printer Name

105SL*Plus*

Standard Features

- Full-function front panel and large multilingual back-lit LCD display—with user-programmable password protection
- Thin film printhead with Element Energy Equalizer™ (E³™) for superior print quality
- 8 MB Flash memory
- Serial RS-232 and bi-directional parallel ports—with auto detect
- USB 2.0
- Dual media sensors—transmissive and reflective, selectable through software or front panel
- Internal ZebraNet® 10/100 Print Server—supports 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks.

Printer Specifications

Resolution

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

Memory

Standard: 16 MB SDRAM; 8 MB Flash

Print Width

4.09"/104 mm

Print Length

- 203 dpi: 150"/3810 mm (with standard memory)
- 300 dpi (optional): 100"/2540 mm (with standard memory)

Print Speed

- 203 dpi: 12"/305 mm per second
- 300 dpi: 10"/254 mm per second

Media Specifications

- Media types: continuous, die-cut, or black mark, notch
- Media thickness (label and liner): 0.003"/0.076 mm to 0.012"/0.305 mm
- Maximum media roll size: 8.0"/203 mm O.D. on a 3"/76 mm I.D. core
- Media width (label and liner): 0.79"/20 mm to 4.5"/114 mm
- Maximum non-continuous label length: 39"/991 mm

Ribbon Characteristics

- Standard Lengths: 1476'/450 m or 984'/300 m Provides 2:1 and 3:1 media roll to ribbon ratios
- Maximum ribbon roll size: 3.2"/81.3 mm O.D. on a 1.0"/25.4 mm I.D. core
- Ribbon wound coated-side out
- Ribbon width: 0.79"/20 mm to 4.33"/110 mm

Operating Characteristics

Environmental

- Operating environment:
  - Thermal transfer = 40° F/5° C to 105° F/40° C
  - Direct thermal = 32° F/0° C to 105° F/40° C
- Operating Humidity: 20% to 85% non-condensing
- Storage/Transportation environment: -40° F/-40° C to 140° F/60° C
- Storage Humidity: 5% to 85% non-condensing

Electrical

- Universal power supply with power-factor correction 100-240 VAC, 47–63 Hz

Agency Approvals

- IEC 60950-1, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- Product Markings: cTUVus, CE, FCC-B, ICES-003, VCCI, C-Tick, NOM, S-Mark(Arg), CCC, GOST-R, BSMI, KCC, and UkrSEPRO

Physical Characteristics

- Height: 15.5"/393.7 mm
- Width: 10.31"/261.9 mm
- Depth: 20.38"/517.5 mm
- Weight: 50 lbs/22.7 kg

Options and Accessories

- 300 dpi
- Cutter and catch tray
- Media rewind spindle—internal finished roll rewind or passive-peel with liner take-up spindle 64 MB On-Board Linear Flash Memory (factory installed only)
- Scalable and international fonts

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner for XML
- ZebraNet™ Bridge Enterprise
- ZebraNet™ Utilities v 7.0

Optional Connectivity

- ZebraNet® b/g Print Server (internal)

Firmware

- ZPL II®
- Zebra Global Printing Solution
- Web View & Alert
- ZBI 2.0™ (optional)

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Zebra Global printing solution including Unicode™
- Swiss 721 font standard
- Bitmap fonts A to H and GS symbols are expandable up to 10 times, height- and width-independent
- Smooth-scalable font Ø (CG Triumvirate™ Bold Condensed) is expandable dot-by-dot, height- and width-independent
- IBM® Code Page 850 International Characters
- Contains UFST® from Agfa Monotype Corporation
- Firmware support for downloadable TrueType™ fonts
- Additional fonts available
- 2 MB user available non-volatile memory storage for downloadable objects

Graphics Features

- Supports user-defined fonts and graphics, including custom logos

Barcode Symbologies

- All standard linear and 2D barcodes supported

For optimum print quality and printer performance, use genuine Zebra™ supplies.