Zebra® 105SL*Plus*™ Printer

ZEBRA TECHNOLOGIES

SEE MORE. DO MORE.

Economical, dependable, high-performance printing

Zebra's 105SL*Plus* printer provides economical, dependable, high-performance printing. This rugged printer is built for continuous operation, with exactly the features needed for fast, reliable and cost-effective printing in your manufacturing and warehousing environments.

Zebra created the 105SL*Plus* printer with ease of use in mind. The icon-based, multilingual graphical LCD user interface is intuitive to operate, minimising user training and making the printer ideal for a multitude of languages and global applications. The simplified ribbon-loading process minimises downtime.

The 105SL*Plus* printer offers durable all-metal construction and a robust print mechanism to withstand the toughest environments.

The 105SL*Plus* printer leverages Zebra's proven electronics platform to offer increased speed for high-volume applications – and increased storage of formats, fonts and graphics. The print quality is outstanding, with E^3™ technology that also extends the life of the printhead.

The 105SL*Plus* printer is designed to easily fit into existing operations. Multiple standard connectivity options including parallel, serial, USB and Ethernet, coupled with full backwards, compatibility, make integration fast and simple. For added connectivity, choose the optional ZebraNet™ b/g Print Server for wireless support.

Ideal for:

- **Manufacturing**
  - Product identification labels
  - Packaging labels
  - Receiving/put-away labelling
  - Work-in-process
- **Transportation & Logistics**
  - Order picking/packing
  - Shipping/receiving
  - Cross-docking
  - Compliance labelling
- **Retail**
  - Shipping
  - Returns
- **Government**
  - Asset-tracking
  - Compliance labelling

SPECIFICATIONS AT A GLANCE*
ZEBRA 105SL*Plus* PRINTERS

Printer name

105SL*Plus*

Standard features

- Full-function front panel and large multilingual backlit LCD display with user-programmable password protection
- Thin-film printhead with Element Energy Equalizer™ (E³) for superior print quality
- 8MB flash memory, including 2MB user-available non-volatile memory storage for downloadable objects
- 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

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

Memory

- Standard: 16MB SDRAM; 8MB flash

Print width

- 102mm/4.0"

Print length

- 203dpi: 3,810mm/105" (with standard memory)
- 300dpi (optional): 2,540mm/100" (with standard memory)

Print speed

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

Media sensors

- Black mark and gap media sensing using fixed centre-position sensors; label-present sensor for issuing labels one at a time

Media specifications

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

Ribbon characteristics

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

Operating characteristics

Environment

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

Electrical

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

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: 393.7mm/15.5"
- Width: 1,261.9mm/0.31"
- Depth: 517.5mm/20.38"
- Weight: 22.7kg/50 lb

Options and accessories

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

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner for myXML
- ZebraNet Bridge Enterprise
- ZebraDesigner for mySAP™
- ZebraDesigner for XML
- 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 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 Monotype Imaging, Inc. Firmware support for downloadable TrueType™ fonts
- Additional fonts available

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.

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