



ZEBRA

# 105SLPlus Industrial Printer

## 24/7 PERFORMANCE IN THE HARSHTEST ENVIRONMENTS

Zebra's 105SLPlus™ industrial printer combines rugged durability with ease of use to offer you a high-performance printer that is simple 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. Delivering efficient and economical performance, the printer is also ENERGY STAR® qualified to save you money throughout its lifecycle.



### Zebra OneCare Services

Increase printer uptime, and reduce lost productivity and unbudgeted repair costs, by selecting a Zebra® OneCare™ service agreement. A cost-effective means of planning and budgeting your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

### Genuine Zebra Supplies

Ensure consistent print quality, reduce downtime and increase productivity in your printing process with Genuine Zebra™ supplies. We manufacture each supplies product with the exact same materials every time so you always get crisp, readable and scannable output without needing to adjust the printer darkness setting between rolls.

### ZebraLink Software Suite

The ZebraLink™ suite of software and tools makes it simple to design, manage and adapt a barcode printing application tailored to meet your unique business needs.

## Efficient. Economical. Durable. Easy to Use.

### Integrates Into Your Existing Enterprise With Ease

The 105SLPlus is designed to easily fit into your 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. Should you require wireless connectivity, simply choose the optional ZebraNet® b/g Print Server.

### Simple to Operate

Minimize operator training with the printer's intuitive, icon-based, multilingual graphical LCD user interface, which also makes the printer ideal for a multitude of languages and global applications. Keep your operations moving forward with the simplified ribbon-loading process that reduces downtime. Dual media sensors give you flexibility to use different types of media. And, produce readable and scannable barcode labels time after time with standard 203 dpi or optional 300 dpi that print crisp, clear text and barcodes.

### Proven Performance for Years

Using Zebra's proven electronics platform, the 105SLPlus is engineered for high-volume applications and includes plenty of memory to store formats, fonts and graphics. Element Energy Equalizer™ (E<sup>3</sup>) technology extends the life of the printhead and gives you outstanding print quality. Featuring an all-metal construction and Zebra's legendary durability, the 105SLPlus can withstand the bangs and bumps that commonly occur in manufacturing and warehouse environments. Designed for 24/7 operation, the printer enables you to produce labels continuously. Together, these rugged elements give users years of outstanding, reliable performance.



For more information about the 105SLPlus Industrial Printer,  
visit [www.zebra.com/105slplus](http://www.zebra.com/105slplus) or access our global contact directory  
at [www.zebra.com/contact](http://www.zebra.com/contact)

# 105SLPlus Specifications

## STANDARD FEATURES

- Full-function front panel and large multilingual back-lit LCD display — with user-programmable password protection
- Thin film printhead with E<sup>3</sup> Element Energy Equalizer for superior print quality
- 8 MB Flash memory
- Communications: USB 2.0, RS-232 Serial, bi-directional Centronics® Parallel port with auto detect, and Internal ZebraNet 10/100 Print Server — supports 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks
- Dual media sensors — adjustable transmissive and fixed reflective, selectable through software or front panel
- ENERGY STAR qualified

## PRINTER SPECIFICATIONS

<b>Resolution</b>	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
<b>Memory</b>	Standard: 16 MB SDRAM; 8 MB Flash
<b>Maximum Print Width</b>	4.09"/102 mm
<b>Maximum Print Speed</b>	203 dpi: 12"/305 mm per second 300 dpi: 10"/254 mm per second
<b>Maximum Print Length</b>	203 dpi: 150"/3810 mm (with standard memory) 300 dpi (optional): 100"/2540 mm (with standard memory)

## MEDIA CHARACTERISTICS

<b>Media Width</b>	0.79"/20 mm to 4.5"/114 mm (label and liner)
<b>Media Roll Size</b>	8.0"/203 mm O.D. on a 3"/76 mm I.D. core
<b>Thickness</b>	0.003"/0.076 mm to 0.012"/0.305 mm (label and liner)
<b>Media Types</b>	Continuous, die-cut, or black mark, notch

## RIBBON CHARACTERISTICS

<b>Standard Length</b>	1476'/450 M 984'/300 M
<b>Width</b>	0.79"/20 mm to 4.33"/110 mm
<b>Core I.D.</b>	1.0"/25.4 mm

## OPERATING CHARACTERISTICS

<b>Environmental</b>	Operating Temperature: <ul style="list-style-type: none"><li>• Thermal transfer = 40°F to 105°F/5°C to 40°C</li><li>• Direct thermal = 32°F to 105°F/0°C to 40°C</li></ul> Operating Humidity: 20% to 85% non-condensing Storage/Transportation Temperature: -40°F to 140°F/ -40°C to 60°C Storage Humidity: 5% to 85% non-condensing
<b>Electrical</b>	Universal power supply with power-factor correction 100-240 VAC, 47-63 Hz ENERGY STAR qualified
<b>Agency Approvals</b>	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

<b>Length</b>	20.38"/517.5 mm
<b>Width</b>	10.31"/261.9 mm
<b>Height</b>	15.5"/393.7 mm
<b>Weight</b>	50 lbs./22.7 kg

## SOFTWARE TOOLS

### ZebraLink Solutions

**Zebra Setup Utilities** — A Windows application to quickly set up and configure your Zebra printer

**ZebraDesigner™** — Simple Windows WYSIWYG label design application with basic features

**ZebraDesigner Pro** — Simple Windows WYSIWYG label design application offering more advanced features for more complex label designs

**ZBI-Developer™** — Programming utility makes it dramatically easier for programmers to create and test complex ZBI 2.0™ programs and distribute them to the printer (standard with ZBI 2.0)

**ZebraNet™ Bridge Enterprise** — Centrally manage Zebra printers from a single PC screen anywhere on your global network

**ZebraNet Utilities v7.0** — Provides enhanced printing, conversion and administration capabilities; message management; and more

**Zebra Enterprise Connector** — Print labels directly from Oracle's BI Publisher with the Enterprise Connector and Zebra printers

**ZDesigner Windows Driver** — Zebra's powerful Microsoft certified Windows driver

### Web View

Connect and control Zebra barcode printers using ZPL II via the printer's web interface using common web browsers

### Alert

Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime

## FIRMWARE

**ZBI 2.0™** — Optional powerful programming language that lets printers run stand-alone applications, connect to peripherals, and much more.

**ZPL & ZPL II®** — Zebra Programming Language provides sophisticated label formatting and printer control and is compatible with all Zebra printers.

## BARCODE SYMBOLOGIES

Linear Barcodes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C 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 and Planet Code

2D Barcodes: Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, TLC 39, GS1 DataBar (RSS), Aztec

## FONTS AND GRAPHICS

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

Firmware support for downloadable TrueType™ fonts

Additional fonts available

2 MB user-available non-volatile memory storage for downloadable objects

Supports user-defined fonts and graphics, including custom logos

Contains UFST® from Agfa Monotype Corporation

## OPTIONS AND ACCESSORIES

- ZebraNet b/g Print Server (internal)
- ZBI 2.0 Firmware
- 300 dpi
- Cutter and catch tray
- Media rewind spindle — internal full-roll rewind or passive peel with liner take-up spindle
- 64 MB On-Board Linear Flash Memory (factory installed only)
- Scalable and international fonts
- Keyboard Display Unit — ZKDU™ keyboard display units for stand-alone printing applications

For optimum print quality and printer performance, use Genuine Zebra supplies. Specifications subject to change without notice.

## Ideal for These Applications

### Manufacturing

- Product identification labeling
- Packaging labeling
- Receiving / put-away labeling
- Work-in-process

### Transportation and Logistics

- Order picking / packing
- Shipping / receiving
- Cross-docking
- Compliance labeling

### Retail

- Shipping
- Returns

### Government

- Asset tracking
- Compliance labeling
- Inventory labeling



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