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

The 105SL 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 with cutting-edge connectivity, the 105SL is the choice of experienced users.

Real-time Connectivity and Control

Featuring the ZebraLink™ printer management solution, the 105SL is a perfect fit for operations that rely on bar code automation and centralized printer management.

105SL™

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

Made to Last
- Tough steel housing with reinforced box section design
- Metal interior components include gear drives, spindles, and adjustment controls
- Extruded metal printhead mechanism

Network Connectivity
- NEW ZebraLink™ real-time connectivity and control
- Multiple connectivity options
- Compatibility with any installed ZPL® legacy application

Enhanced Features
- Dual 32-bit processors
- Prints up to 8 ips
- 4MB DRAM to print labels up to 106" long
- 4MB Flash memory
- 203 or 300dpi printhead resolution
- Backlit LCD control panel; auto-calibration

For more information
Contact your Zebra representative for additional printer specifications. For information on Zebra’s desktop and mobile printers, supplies, software and accessories, visit our Web site.

www.zebra.com

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Asia-Pacific: Australia, China, Japan, Singapore, South Korea

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105SL
#11341L (5/01) 20M
### Media Characteristics

**Labels**
- Max. Roll Size: 8" (203mm) O.D. on a 3" (76mm) core
- Ribbon width: 1.19" (30mm)
- Media Types: Roll-feed, die-cut, continuous, fanfold, tags, tickets
- Ribbons: Max. Roll Size (3.2")

**RIBBONS**
- 1.25" (32mm) minimum media to ribbon ratio
- 3:1 media roll to ribbon ratio
- Ribbon set-up: Ribbon rewind, ink side out
- Optional: 8MB Flash (PCMCIA card)

**Resolution**
- 203dpi/203/300dpi
- 300dpi/1200dpi
- Standard: 203dpi/203/300dpi
- Optional: 300dpi/1200dpi

**Physical Characteristics**
- Width: 11.2" (283mm)
- Height: 19.5" (495mm)
- Weight: 55.6 lbs (25kg)

**Media Specifications**
- Label and liner width: .79" (20mm) to 4.52" (115mm)
- Ribbon width: .79" (20mm) to 4.52" (115mm)

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### Options and Accessories

- Reflective media sensor
- E3® Printhead Energy Control (requires external 12V DC power)
- ZebraNet PrintServer II (internal or external)
- ZebraLink (Revolutionary real-time connectivity and control solution for Zebra printers)
- ZBI™ (Zebra BASIC Interpreter)—universal language for Zebra printers, includes:
  - Manufacturing and compliance labeling
  - Logistics and inventory control
  - Product identification marking
  - Work-in-process

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### Zebra Programming Language

- ZPL® & ZPL II®—universal language for Zebra printers, 256- & 268-Byte Code Page 850
- Simplifies label formatting and enables seamless compatibility with other Zebra printers
- Supports user-defined fonts and graphics—decorative logos

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### Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: 12-gauge steel frame with metal interior components
- Thin film printhead with 4-Wire Energy Control
- Dual 32-bit processors
- Selectable print speeds up to 6ips
- ZebraConnect connectivity
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel

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### Operating Characteristics

- Operating Temp.: 41°F/5°C to 104°F/40°C
- Storage Temp.: -30°C to 55°C
- Humidity: 20-80% non-condensing
- Environ.: 41°F/5°C to 104°F/40°C
- Power supply: 90-264 VAC; 48-63Hz
- Environment: 20-85% non-condensing

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### Specifications at a Glance*

- **Model:** 105SL
- **Thickness (label & liner):** .003"/.076mm to .0012"/.305mm
- **Media Characteristics:**
  - 8"/203mm O.D. on a 3"/76mm I.D. core
  - 4MB DRAM (2MB user available)
  - 4MB Flash (750KB user available)
  - 8MB Flash (PCMCIA card)
  - Standard: 203dpi/203/300dpi
  - Optional: 300dpi/1200dpi
- **Maximum Print Area:**
  - Width: 4.09"/104mm
  - Length: 203dpi: 106"/2,692mm (with standard memory)
  - Resolution: 203dpi/203/300dpi
  - Maximum Print Speed:
    - 203dpi: 8"/203mm per second (203/300dpi)
    - 300dpi/1200dpi
  - Memory:
    - Standard: 4MB DRAM (2MB user available)
    - Optional: 8MB Flash (PCMCIA card)
  - Physical Characteristics:
    - Width: 11.2" (283mm)
    - Height: 19.5" (495mm)
    - Weight: 55.6 lbs (25kg)
  - Media Specifications:
    - Label and liner width: .79" (20mm) to 4.52" (115mm)
    - Ribbon width: .79" (20mm) to 4.52" (115mm)

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*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.

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ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. An alert (with ZebraNet PrintServer II) enables a Zebra printer to send unsolicited status messages via email-enabled devices.
2. WebView (with ZebraNet PrintServer II) enables the remote monitoring and configuration capability of Zebra printers using Web-based network tools.
3. ZBI® (Zebra BASIC Interpreter)—programming language that works with ZPL II to control and interpret incoming text and data.

ZebraLink gives you the freedom to create stand-alone applications using a 105SL and peripheral devices, such as a scale scanner wand, without needing a PC host. Internet-aware, ZBI can then transmit data captured by these devices over your LAN, WAN, or wireless network via e-mail or TCP/IP messaging.