

Trade Scales Limited

Thermal Label Printing Solutions

Zebra 105sl

Features

The 105SL is ideal for moderate-to high-volume printing applications (including distributed, batch, or single format) in:

- Manufacturing and compliance labelling
- Logistics and inventory control
- Product identification marking
- Work in process

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. 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. A tough steel housing, metal interior components, and an extruded metal printhead mechanism contribute to the 105SL's reliability in industrial environments.

The 105SL offers flexible connectivity options including ZebraNet® Internal Wireless Plus print server to free you to move or reconfigure the printer without costly re-cabling, 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.



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Specifications

Model	Zebra 105sl
Max. Print Area (standard memory)	Width: 4.09"/104 mm Length with 203 dpi: 106"/2,692 mm (with standard memory) Length with 300 dpi (optional): 65"/1,651 mm (with standard memory)
Physical Characteristics	Width: 11.2"/283 mm Depth: 19.5"/495 mm Height: 15.5"/394 mm Weight: 55 lbs/25 kg
Label and Liner Width	.79"/20 mm to 4.52"/115 mm
Ribbon Width	.79"/20 mm to 4.5"/114 mm
Resolutions	203 dpi/8 dots per mm; 300 dpi/12 dots per mm (optional)
Max Print Speed	8"/203 mm per second (203/300 dpi)
Memory	Standard: 6 MB SDRAM (3 MB user-available) 2 MB Flash (768 KB user-available); Optional: 8 MB Flash (PCMCIA card)
Print Methods	Thermal transfer or direct thermal
Construction	Steel frame and cabinet with metal interior components
Zebra Programming Language	ZPL® & ZPL II®—Universal language for Zebra® printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers. ZBI™—Controls and interprets text and data from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.
Environment	Operating Temp. 41° F/5° C to 104° F/40° C Storage/Transport 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
Communication Interface Capabilities	Centronics® RS-232 RS-422*, and RS-485* serial ports; IEEE 1284 bi-directional parallel (*may require optional adapter)
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 GSA#: GS-35F-0268N
Label Max. Roll Size	Max. Roll Size: 8"/203 mm O.D. on a 3"/76 mm I.D. core
Label Thickness (label & liner)	.003"/.076 mm to .0012"/.305 mm
Media Types	Roll-feed, die-cut, continuous, fanfold, tags, tickets
Ribbon Max. Roll Size	3.2"/81.3 mm O.D. on a 1"/25.4 mm I.D. core

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Specifications (Cont'd)

Ribbon Standard Lengths	984'/300 m-1,476'/450 m capacity; provides 2:1 and 3:1 media roll to ribbon ratios
Ribbon Setup	Ribbon wound ink side out Ribbon is recommended to be at least as wide as media.
Fonts and Character Sets	Standard Fonts: 9 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed) Sets: IBM® Code Page 850 International character set Optional European and Asian font sets
Graphic Features	Supports user-defined fonts and graphics—including custom logos ZPL II drawing commands—including boxes, circles and diagonal lines
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 2-Dimensional: CODABLOCK, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, Micro PDF417, RSS Code

Zebra 105sl Series Standard Features:

- Thin film printhead with E3® Printhead Energy Control
- Fast 32-bit processing
- Selectable print speeds up to 8"/second
- ZebraLink™ connectivity
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

Zebra 105sl Series Options & Accessories:

- 300 dpi printhead
- PCMCIA memory slot (up to 8 MB Flash)
- Full width cutter with orderable catch tray
- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor
- Fan-fold bin
- ZebraNet® PrintServer II (internal or external)
- ZebraNet Wireless Card socket
- Twinax and coax interfaces (internal)
- BAR-ONE® software
- European and Asian font sets