Zebra® Z Series®

ZEBRA
TECHNOLOGIES

SEE MORE. DO MORE.

ZM400™ and ZM600™—Flexing New Powers

The ZM400 and ZM600 printers bring added flexibility to the popular Z Series platform, which has always stood out from the competition in terms of both performance and price. With 10-inches-per-second print speed, industry-leading throughput, rugged reliability, and a wide selection of options, these full-sized metal printers enhance productivity in tough environments and demanding applications.

Better Connected for a Connected World

The Z Series printers better connect with most warehouse/manufacturing and business applications. The ZM400 and ZM600 are better connected to your network—through USB 2.0, 802.11b/g secure wireless, or our ZebraNet® 10/100 Print Server that allows simultaneous parallel and Ethernet connectivity. They're better connected to your applications—with RFID Ready investment protection, choice of print resolution including 600 dpi, and XML-Enabled printing as a standard feature. And they're better connected to your needs—with easy setup via a large, easy-to-read front panel that includes Asian-language support; easy loading of supplies; and easy maintenance with quick-changing printheads and platens.

Ideal for These Applications

Manufacturing & Warehousing/ Item labeling and tagging, Packaging/Pallet labeling, Compliance labeling, Inventory and asset management, Shipping/ Receiving

Healthcare/ Prescription labeling, Lab sample tracking

Printer Name

ZM400
ZM600

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Die-cast aluminum base, frame and printhead mechanism
- Metal media cover with large clear window
- Element Energy Equalizer™ (E³™) for superior print quality
- Auto-calibration
- Real-time clock
- Auto-ranging (90–265 VAC) power supply
- Color-coded operator cues
- Multi-language control panel with back-lit 240 x 128 pixel display
- ZPL II®
- XML-Enabled printing—Direct-connect integration for barcode label printing that eliminates license fees and print server hardware, and lowers customization and programming costs

Printer Specifications

Resolution

203 dpi/8 dots per mm; 300 dpi/12 dots per mm; 600 dpi/24 dots per mm (ZM400 only)

Memory

- Standard: 8 MB Flash, 16 MB DRAM
- Optional: Factory Installed 64 MB Flash

Print Width

- ZM400: 4.09"/104 mm
- ZM600: 6.6"/168 mm

Print Length

- ZM400: with 203 dpi 157"/3,988 mm; with 300 dpi 73"/1,854 mm; with 600 dpi 39"/991 mm
- ZM600: with 203 dpi 102"/2,590 mm; with 300 dpi 45"/1,143 mm

Print Speed

- 203 dpi: 10"/254 mm per second
- 300 dpi: 8"/203 mm per second
- 600 dpi: 4"/102 mm per second

Media Sensors

- Fixed reflective sensor
- Adjustable transmissive sensor media characteristics

Maximum Label and Liner Length

Maximum non-continuous: 39"/991 mm

Maximum Label and Liner Width

- ZM400: 4.5"/114 mm
- ZM600: 7.0"/178 mm
- Maximum Roll Diameter: 8.0"/203 mm
- Core Diameter: 3.0"/76 mm

Media Thickness:

0.0023"/0.058 mm to 0.010"/.25 mm

Media Types

Continuous, die-cut, tags, black-mark

Ribbon Characteristics

Outside Diameter: 3.2"/81.3 mm
Standard Length: 984'/300 m or 1476'/450 m

Ratio

- 3:1 media roll to ribbon
- Ribbon must be at least as wide as media

Width

- ZM400: 2.00"/51 mm to 4.33"/110 mm
- ZM600: 2.00"/51 mm to 6.85"/174 mm

Ribbon setup

Ribbon wound ink-side out (ribbon wound ink-side in can be used with optional ribbon spindle on ZM400)

Core I.D.

1.0"/25.4 mm

Operating Characteristics

Environmental

Operating temperature:
- 32º F/0º C to to 104º F/40º C (Direct Thermal)
- 40º F/5º C to 104º F/40º C (Thermal Transfer)

Storage temperature: -40º F/-40º C to 140º F/60º C
Operating humidity: 20-85% non-condensing
Storage humidity: 5-85% non-condensing

Electrical

Universal auto-ranging (PFC-compliant) power supply 90-265 VAC; 48-62Hz

Agency Approvals

- IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2,3
- Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, CCC, GOST-R, BMSI, S-Mark, MIC, ZIK

Physical Characteristics

	ZM400	ZM600
Width:	10.9"/278 mm	13.4"/341 mm
Height:	13.3"/338 mm	13.3"/338 mm
Depth:	18.7"/475 mm	18.7"/475 mm
Weight:	32.4 lbs/15 kg	34.7 lbs/16 kg
Shipping Weight:	49 lbs/22 kg	54 lbs/24.5 kg

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner for XML
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- ZBI-Developer™
- Additional scalable and bitmapped fonts available

Networking/Connectivity

- ZebraNet Wireless Plus Print Server
- ZebraNet 10/100 Print Server
- RS-232C serial port
- High-speed, IEEE1284, bi-directional parallel interface
- USB 2.0
- Print Server

Firmware

- ZPL II®
- EPL™
- XML-Enabled Printing
- APL-I™/APL-D™ (Contact Zebra Development Services for additional details)
- Web View
- Alert
- ZBI 2.0™

Fonts/Graphics/Symbologies

Fonts and Character Sets

- 7 bitmapped, 1 smooth scalable
- Native open type font support
- Global Printing—Unicode™ compliant for fast multilanguage, on demand thermal printing right out of the box.
- Contains UFST® from Monotype Imaging Inc.

Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—for boxes and lines

Barcode Symbologies

- Linear Barcodes: Code 11, Code16k, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C Codes, 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, Planet Code
- 2-Dimensional: Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, GS1 DataBar (RSS), Aztec

Options and Accessories

- Factory installed 64 MB Flash memory option
- Cutter with catch tray
- Peel—a front mount, passive peel option with no liner take-up
- Liner take-up (works with peel option)—full roll liner take-up spindle (fits standard base, ZM400 only)
- Rewind—internally rewinds full label roll on 3" core (comes with taller, non-standard printer base)
- RS-422/485 serial port adapter
- Optional ribbon spindle to support ribbon wound ink-side in (ZM400 only)

Supplies

For optimal printing quality and proper printer performance across our product line, Zebra strongly recommends the use of genuine Zebra™ supplies as part of the total solution.

About Compsee

Who We Are

Compsee is a leading total solutions provider of data collection hardware, software and services. Our portfolio includes barcode and RFID scanners and printers, portable computers, barcode labels and ribbons, RFID system equipment, barcode verifiers, and a range of software to track materials and manage your technologies. We also provide a complete suite of services to aid in the configuration, installation and management of your technologies.

30+ Years of Experience

Our product and service experts have been serving both small and large businesses since 1984. Identifying better technologies and systems to manage your data is our expertise, and over the years we have built a solid network of hardware manufacturers and software developers to provide you with the most advanced data tracking solutions available. We aim to create a customized solution for your unique business needs.

Why Choose Compsee?

Expert Technical Support

Our experts are always available to suggest products and solutions for your needs. We pride ourselves on staying up-to-date with the newest technologies and services and passing this information along to you.

Outstanding Access to Top Manufacturers

Compsee maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Complete Deployment Services

We specialize in custom sytem setups, including configuration and software loading on your newly purchased equipment. We provide product activation & imaging, inspection, asset tagging, custom packaging and shipping services to ensure your technologies arrive at your business ready for operation right out of the box. Additionally, we are able to install the new technologies and train your employees.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Lifelong Product Support

Our Life Cycle Services provide lifelong support of your technologies after initial installation, including product repair, mobile device management, warranty management, product refreshes, and e-waste recycling. With our advance exchange program, we keep replacement supplies in stock and immediately send them to you to minimize system downtime.

Compsee Reduces Your Cost of Ownership

By leveraging our dependable and high quality managed services, you can rest assured that your Return on Investment is maximized and total cost of ownership is kept to a minimum.

Contact us for product / service recommendations & to place an order

Partners

ZEBRA TECHNOLOGIES

DATALOGIC

MOTOROLA

BRADY

datamax·o'neil

Intermec

Honeywell

brother at your side

SATO DCS & Labelling Worldwide

roadnet technologies

BizSpeed Delivering Enterprise Mobility

CISCO

TEKLYNX

at&t

CONTROL SOLUTIONS

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