

**PAX4™ Print Engines Deliver Superior Performance and Reliability**

The 110PAX4 and the 170PAX4 print engines are the performance leaders in mission-critical print-and-apply applications. With increased throughput and enhanced connectivity, including wireless and Ethernet, along with all-metal construction and outstanding print quality, PAX4 print engines deliver outstanding value, reliability, and durability.

**Better Than Ever for High-Volume Needs**

With improved serviceability, faster first-label-out time, and a fully functional real-time clock, the PAX4 print engines deliver what it takes to make print-and-apply solutions super performers. European voltage requirements are now met with the 28V I/O option.

**Real-time Connectivity and Control**

Reduce downtime and increase productivity. Using advanced ZebraLink™ Solutions, PAX4 print engines offer instant status alert messages and centralized control, allowing you to troubleshoot quickly and keep production lines moving.

**Wireless Communications**

When equipped with ZebraNet® Wireless Plus, PAX4 supports the latest wireless security and authentication protocols.

Designed for high-speed, high-throughput applications, both the 110PAX4 (for 4-inch printing) and the 170PAX4 (for print widths up to 6 inches wide) are ideal for print/apply systems including:

- Mission-critical industrial applications
- High-volume product, carton, case, and pallet labeling
- Packaging
Specifications at a Glance*

110PAX4
Print Specifications
Print Width
4.1”/104 mm
Print Length
Maximum non-continuous media: 39”/990 mm
Maximum continuous media: 100”/2540 mm

Physical Characteristics
- Width: 9.6”/245 mm
- Height: 11.8”/300 mm
- Depth: 16.4”/417 mm
- Weight: 36.5 lbs./15.6 kg

Media Characteristics
- Media Width (label and liner): 0.625”/16 mm to 4.5”/114 mm
- Media Thickness (label and liner): 0.0058”/0.148 mm to 0.010”/0.254 mm
- Media Types: Continuous, die-cut or black mark

Ribbon Characteristics
- Outside Diameter: 4.0”/101.6 mm O.D
- Core Diameter: 1.0”/25.4 mm I.D. core

170PAX4
Printer Specifications
Print Width
6.6”/168 mm
Print Length
Maximum non-continuous media: 39”/990 mm
Maximum continuous media: 150”/3810 mm

Physical Characteristics
- Width: 9.6”/245 mm
- Height: 11.8”/300 mm
- Depth: 18.3”/465 mm
- Weight: 35.5 lbs./16.1 kg

Media Characteristics
- Media Width (label and liner): .003”/.076 mm to .012”/.305 mm

Ribbon Characteristics
- Outside Diameter: 4.0”/101.6 mm O.D
- Core Diameter: 1.0”/25.4 mm I.D. core

ZebraNet Solutions
Software
- ZebraDesigner™ Pro
- ZebraNet for XML
- ZebraLink™ Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- ZBI-Developer™

Networking
- ZebraNet® 10/100 Print Server
- ZebraNet Wireless Plus

Firmware
- ZPL® II
- Global Printing
- XML-Enabled printing
- APL-I™/APL-D™ (Contact Zebra Development Services for additional details)

Web View
- ZebraDesigner™ Pro
- ZebraNet Utilities v 7.0

Communications and Interface Capabilities
- High-speed bi-directional parallel interface, Centronics® compatible.
- High serial interfaces: RS-232C and RS422 with DB9F connector
- RS-485 multi-drop capability
- Configured baud rate (110 to 57.6 k), parity, data bits, and stop bits
- Applicator interface with DB15F connector

Bar Code Symbologies
Linear Bar Codes
- Codabar, Code 11, Code 39, code 93, Code 128 with subsets A/B/C and UCC Case codes, EAN-13, EAN-13, Industrial 2 ofs-5, Interleaved 2-0s, 5, IBST-128, Logmara, MSI, Planet Code, Plessey, POSTNET, Standard 2-0s-5, UPCA, UPC-E, EAN 2 or 5 digit extensions

2-Dimensional
- Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF, PDF417, QR Code and TLC 39, Aztec

Fonts and Graphics
Fonts and Character Sets
- Bitmap fonts A through H and GS symbols are expandable up to 10 times, height and width independent
- Smooth scalable font Ø (CG Triviumratebold Condensed) is expandable dot-by-dot, height and width independent
- Sets: IBM® Code Page 850 International Characters
- Contains UFST® from Monotype Imaging, Inc.

Graphic Features
Supports user-defined fonts and graphics—including custom logos

Environmental (Thermal Transfer)
- Operating Temp.: 40º F/6º C to 104º F/40º C
- Storage Temp.: 0º F/20º C to 160º F/71º C
- Operating Humidity: 20% to 95% non-condensing R.H.
- Storage Humidity: 5% to 95% non-condensing R.H.

Electrical
- Universal power supply with power-factor correction 90-264 VAC, 48-62 Hz

Agency Approvals
UL-6950 3rd edition, CAN/CSA-C22.2 No 60950-00 3rd edition, FCC part 15 - Class A, ICES-003, EN60950, EN60522-Class A, EN61000-2-2, VCCI, CCC

Related Products
Options and Accessories
- PC/MCA cards
- CompactFlash® cards
- Linear PCMCIA cards available 8 MB and 32 MB
- 64 MB On-Board Linear Flash Memory
- RFID Ready (110PAX4 only)
- WGLA through Swiss 721
- Firmware support for downloadable TrueType™ fonts
- PC memory card
- Additional fonts available

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