PC42T PLUS

4-Inch Desktop Printer

Based on more than 40 years of barcode printing innovations, the PC42t Plus desktop printer sets new standards for user-friendliness and affordability.



Easy to install and ready to print quickly, the streamlined PC42t Plus is an economical choice for media up to 110 mm (4.3 in) wide.

Exceptionally compact and easy to use, this printer is simple to install and ready to print quickly. Quiet, reliable operation and an intuitive design make the PC42t Plus the right fit for light-duty labeling applications in a variety of industries.

Available in either 12.7 mm (0.5 in) or 25.4 mm (1 in) ribbon core configurations and with a print speed up to 125 mm (5 ips), the PC42t Plus supports media as wide as 110 mm (4.3 in) and fits right into existing printing environments. The 25.4 mm configuration is compatible with ribbon lengths up to 300 m (984 ft) – more than four times the length of competitive offerings. With support for longer ribbons, downtime is reduced and ribbons can be shared with larger printers to provide increased media flexibility.

The PC42t Plus printer includes broad, industry-standard connectivity. Up to four ports are built-in: standard USB device and USB host, plus optional serial or serial+Ethernet. With rich interfaces, a compact size, and common media specifications, the PC42t Plus easily drops into virtually any application environment. The PC42t Plus printer supports ZPL II and EPL emulation, along with Direct Protocol (DP) and DPL, and auto-senses the printing languages without any pre-setting, providing an easy upgrade path from a variety of legacy Intermec, Datamax, and competitive printers.

With its affordable price and modern features, the PC42t printer represents a smart solution for the small or medium business looking to improve productivity in label-making operations. Economical to purchase and use, the PC42t printer is also a great choice for those looking to deploy thermal label printing for the first time, or for those transitioning away from more expensive inkjet- or laser-based label printing methods.

FEATURES AND BENEFITS

- An economical solution for light-duty thermal printing applications.
- Supports a wide range of media, including 12.7 mm (0.5 in) or 25.4 mm (1 in) ribbon cores (depending on the model).
- Industry-standard connectivity includes USB host and device, and options for Ethernet and serial communications.
- Easy to use, with a quick-opening design for media replenishment.
- Supports ESim (EPL), ZSim (ZPL II), DPL, and Direct Protocol (DP) print languages for maximum compatibility.

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PC42t Plus Technical Specifications

MECHANICAL

Dimensions (L x W x H): 297 mm x 226 mm x 175 mm (11.7 in x 8.9 in x 6.9 in)

Weight: 2.5 kg (5.5 lbs)

MEDIA

Max. Media Diameter: 127 mm (5.0 in)

Media Core Sizes: 25.4 mm (1 in), 38.1 mm (1.5 in)

Media Width: 25.4 mm – 110 mm (1.0 in – 4.3 in)

Label Length: 9.6 mm – 99 cm (0.34 in – 39 in)

RIBBON

Ribbon Support: Coated Side Out

Max. Ribbon Diameter: 68 mm (2.7 in)

Ribbon Core Sizes: 12.7 mm (0.5 in), 25.4 mm (1.0 in)

Ribbon Width: 30 mm – 110 mm (1.2 in – 4.3 in)

Max. Ribbon Length: 25.4 mm (1.0 in) core: 300 m (984 ft); 12.7 mm (0.5 in) core: 75 m (246 ft)

PRINTING

Print Resolution: 8.0 dpmm (203 dpi)

Default Print Speed: 100 mm/s (4.0 ips)

Max. Print Speed: 125 mm/s (5.0 ips)

Max. Print Width: 104.1 mm (4.1 in)

COMMUNICATIONS

Standard Interfaces: USB Device, USB Host

Options: Factory Installed: Internal Ethernet, serial port

Protocols: Network: TCP/IP-suite (TCP, UDP, ICMP, IGMP), DHCP, BOOTP, LPR, FTP, web page and Telnet 9100, IPv4 Serial Flow Control: XON/XOFF, RTS/CTS

USER INTERFACE

Display: 1 Feed Button and LED Display

Web Page Languages: English and Simplified Chinese (Default), Spanish, Portuguese, Russian, Korean, Japanese, Thai

GRAPHICS AND BARCODES

Native Graphic Formats: 1-bit BMP, GIF, PCX, PNG

Barcode Symbologies: All major 1D and 2D symbologies are supported, including Aztec, Code 16K, Code 49, Data Matrix, Dot Code, EAN-8, EAN-13, EAN, UCC 128, Grid Matrix, HIBC 39, HIBC 128, MaxiCode, MSI (modified Plessey), PDF417, Micro PDF417, Planet, Plessey, Postnet, QR-Code, RSS-14 (variations)

SOFTWARE

Printer Command Languages: Direct Protocol (DP), DPL, ZSim2 (ZPL II), ESim (EPL)

Drivers: InterDriver Windows® Printer Driver (Microsoft® Certified for Windows 7/8.1/10, Windows Server 2016/2008/2012)

Applications: BarTender®

Character Sets: English and Extended Latin, Arabic, Baltic and Baltic Rim, Cyrillic, Greek, Hebrew, Thai, Turkish, Vietnamese and more with Monotype™ Universal Font Scaling Technology (UFST) and WorldType Layout Engine (WTLE)

ENVIRONMENTAL

Operating Temperature: +5°C to +40°C (+41°F to +104°F) @ 10 to 80% RH non-condensing

Storage Temperature: -40°C to +60°C (-40°F to +140°F) @ 10 to 90% RH

ELECTRICAL

Input: 100–240V AC @ 50–60 Hz, 1.5 A

Output: 24V DC, 2.5 A

MEMORY

Standard: 64 MB Flash, 64 MB SDRAM

Optional: Up to 32 GB (via user-supplied USB thumb drive) formatted as FAT16 or FAT32

OPTIONS

Factory-Installable: Ethernet, serial port

APPROVALS

Regulatory: CE, D Mark, KC, RM

Safety:

Europe: D Mark, EN 60950-1

Other Countries: IEC 60950-1

EMC: Europe EMC Directive (EN55032 Class A + EN55024)

WARRANTY

One-year warranty on printer

One-year warranty on printhead

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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For more information

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THE FUTURE IS WHAT WE MAKE IT

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