

PC42t

4-Inch Desktop Printer

Based on more than 40 years of barcode printing innovations, the PC42t desktop printer sets new standards for user-friendliness and affordability. 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 printer 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, the PC42t printer 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 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 a user-installable USB-to-parallel cable, the PC42t printer easily drops into virtually any environment. With its compact size, common media specifications and support for ZPL II® and EPL emulation, along with the popular Honeywell Direct Protocol (DP), the PC42t printer provides an easy upgrade path from a variety of legacy Intermec 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.



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

FEATURES & 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, parallel and serial communications.



Easy to use, with a quick-opening design for media replenishment.



Supports ESIm (EPL), ZSim (ZPL II) and Direct Protocol (DP) print languages for maximum compatibility.

PC42t Technical Specifications

PHYSICAL

Dimensions (L x W x H): 297 mm x 226 mm x 177 mm (11.7 in x 8.9 in x 7.0 in)

Weight: 2.5 kg (5.5 lbs)

MEDIA

Processor: 2.26 GHz Qualcomm Snapdragon 801

Max. Media Diameter: 127.0 mm (5.0 in)

Media Core Sizes: 25.4 mm (1.0 in), 38.1 mm (1.5 in)

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

Min. Label Length: 9.6 mm (0.3 in)

RIBBON

Ribbon Support: Coated Side Out

Max. Ribbon Diameter: 68.0 mm (2.7 in)

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

Ribbon Width: 25.4 mm (1.0 in) to 109.2 mm (4.3 in)

Max. Ribbon Length: 25.4 mm (1.0 in) core: 300.0 m (984.0 ft); 12.7 mm (0.5 in) core: 75.0 m (246.0 ft)

PRINTING

Print Resolution: 8.0 dpmm (203 dpi)

Max. Print Speed: 101.6 mm/s (4.0 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)

For more information

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SOFTWARE

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

Drivers: BarTender®, InterDriver Windows® Printer Driver

Character Sets: English & Extended Latin, Arabic, Baltic & 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: UL, cUL, cULus, CE, FCC Class A, D Mark CCC, KCC, RCM

Safety:

North America: UL & cUL Listed, UL 60950-1

Europe: D Mark, EN 60950-1; CE

Mexico: NYCE Certified, NOM 19

Other Countries: IEC 60950-1

EMC: USA FCC Title 47, Part 15, Subpart A, Class A; Europe EMC Directive (EN55022 Class A + EN55024); CISPR22

WARRANTY

One-year standard warranty; additional Honeywell Repair Service packages available

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.

Windows is a registered trademark or trademark of Microsoft Corporation.

BarTender is a registered trademark of Seagull Scientific. Monotype is a registered trademark of Monotype Imaging Inc.

ZPL II is a trademark of ZIH Corp., registered in many jurisdictions worldwide.