

PC42t

4" Desktop Printer

Based on more than 40 years of bar code 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 is ready to print quickly. Quiet, reliable operation and intuitive design make the PC42t the right fit for light-duty labeling applications in a variety of industries.

Available in either 12.7 mm (½ in) or 25.4 mm (1 in) ribbon core configurations, the PC42t 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 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 easily drops into virtually any environment. With its compact size, common media specifications, and support for ZPL II® and EPL emulation, along with Honeywell's popular Direct Protocol (DP), the PC42t provides an easy upgrade path from a variety of legacy Intermec and competitive printers.

With its affordable price and modern features, the PC42t represents a smart solution for the small or medium business looking to improve productivity in label making operations.



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

Economical to purchase and use, the PC42t 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



An economical solution for light-duty thermal printing applications.



Supports a wide range of media, including 12.7 mm (1/2 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 (LxWxH): 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

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 *User Installable:* Parallel adapter cable
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 & BAR CODES

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), 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, & more with Monotype™ Universal Font Scaling Technology (UFST) & 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 Services 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 bar code symbologies, please visit www.honeywellaidc.com/symbologies.

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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.

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PC42t-DS-EN Rev A 01/16
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