

PC42t Plus

4" Desktop Printer

Based on more than 40 years of bar code printing innovations, the PC42t Plus 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 Plus 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 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 includes broad, industry standard connectivity. Up to four ports are built-in: standard USB device and USB host, plus optional serial or serial+Ethernet. The PC42t Plus 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 Plus provides an easy upgrade path from a variety of legacy Intermec and competitive printers.

With its affordable price and modern features, the PC42t Plus 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 Plus 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 Plus 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 (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 and serial communications.



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



Supports ESim (EPL), ZSim2 (ZPL-II) and Direct Protocol (DP) print languages for maximum compatibility.

PC42t Plus Technical Specifications

PHYSICAL

Dimensions (LxWxH): 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: 127.0 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: 30.0 mm (1.2 in) to
110.0 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: 100.0 mm/s (4.0 ips)

Max. Print Width: 104.0 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 & 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), ZSim2 (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: CE, D Mark, KC, RCM

Safety: Europe: D Mark, EN 60950-1;
CE, Other Countries: IEC 60950-1

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

WARRANTY

3 Years Warranty on Printer,
1 Year Warranty on Print Head

For a complete listing of
all compliance approvals
and certifications, please
visit
[www.honeywellaidc.com/
compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of
all supported bar code
symbologies, please visit
[www.honeywellaidc.com/
symbologies](http://www.honeywellaidc.com/symbologies).

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For more information

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