Honeywell

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
Options – User Installable:	Parallel adapter cable
Protocols – Network:	TCP/IP-suite (TCP, UDP, ICMP, IGMP), DHCP, BOOTP, LPR, FTP, web page and Telnet 9100, IPv4
Protocols – 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

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

Honeywell

PC42d

4" Direct Thermal Desktop Printer

Featuring a solid double-layer housing, easy paper-loading design and media auto-centering function, the compact and elegant PC42d printer is easy to operate. Powerful and reliable, the PC42d printer is well suited for a variety of low-to-mid intensity thermal printing applications – such as electronic express and logistics waybills, healthcare laboratory labels and wristbands, retail price tags and receipts, distribution center routing labels, boarding passes and the like.

With 128 MB Flash and 64 MB SDRAM, which is several times larger than its competitors and supports up to a 32 GB USB expansion, the PC42d printer provides strong tag data pre-processing and caching capabilities. With an ARM926 core and 400 MHz high-speed processor, it can process high-volume tasks efficiently.

The PC42d printer delivers flexible industry-standard connectivity, with up to four built-in interface options: standard USB device and USB host, plus serial or Ethernet. With the rich interfaces, the PC42d printer easily integrates into virtually any application environment. The PC42d printer supports ZPL-II and EPL emulation, along with Direct Protocol (DP), and auto-senses the printing languages without any pre-setting, providing an easy upgrade path for competitive printers.

With a high-quality print head, advanced thermal management algorithms and broad thermal media compatibility, the PC42d printer delivers excellent printing results in an affordable, dependable desktop printer.

A powerful and reliable desktop printer, the PC42d printer is well suited for a variety of low-to-mid intensity thermal printing applications.

FEATURES & BENEFITS

Compact yet powerful – a perfect combination of economy and quality.

Easy to use with a solid double-layer housing, simple paper-loading design, media auto-centering and auto-sensing of printing languages.

A high-quality print head and compatibility with a wide range of thermal media ensures excellent printing results.

Includes integrated command languages: ESim (EPL), ZSim (ZPL-II) and Direct Protocol (DP) with preset Chinese fonts.

PC42d Technical Specifications

PHYSICAL CHARACTERISTICS

L x W x D: 222.5 mm x 184 mm x 174 mm
(8.8 in x 7.3 in x 6.9 in)
Weight: 1.5 kg (3.3 lb)

MEDIA

Max. Media Diameter: 127 mm (5 in)
Media Core Size: 25.4 mm (1 in), 38.1 mm (1.5 in)
Media Width: 25.4 mm – 110 mm (1 in – 4.33 in)
Label Length: 9.6 mm – 99 cm (0.34 in – 39 in)

PRINT TECHNOLOGY

Printer Type: Direct Thermal
Print Resolution: 8 dpmm (203 dpi)
Max. Print Speed: 100 mm/s (4 ips)
Max. Print Width: 104 mm (4.1 in)

MEMORY

Standard: 128 MB Flash, 64 MB SDRAM
Optional: Up to 32 GB (via user-supplied USB thumb drive) formatted as FAT16 or FAT32

COMMUNICATIONS

Standard Interfaces: USB Device, USB Host
Built-in Options: Ethernet (NIC), Serial
Protocols/Network: TCP/IP-suite (TCP, UDP, ICMP, IGMP), DHCP, BOOTP LPR FTP web page and Telnet 9100 IPv4
Protocol/Serial Flow Control: XON/XOFF RTS/CTS

USER INTERFACE

Display: One feed button and LED display
Web Page Languages: English and Simplified Chinese (Default), Spanish, Portuguese, Russian, Korean

GRAPHICS AND BARCODES

Native Graphic Formats: 1-bit BMP GIF PCX PNG
Barcode Symbologies: All standard 1D and 2D symbologies, including Aztec, Code 16K, Code 49, Data Matrix, DotCode, 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), Hanxin Code

SOFTWARE

Printer Command Languages: Auto-Sense, Direct Protocol (DP), ZSim II (ZPL), ESim (EPL)
Drivers: InterDriver™ Windows Printer Driver
Applications: BarTender™ Ultralite
Device Management: Simple Diagnostic Tool
Character Sets: English & Extended Latin, Arabic, Baltic & Baltic Rim, Cyrillic, Greek, Hebrew, Thai, Turkish, Vietnamese and other Monotype™ Universal Font Scaling Technology (UFST) and WorldType Layout Engine (WTLE)
Resident Fonts: Monotype UFST+WTLE Andale Mono, Andale Mono Bold, OCR-A, OCR-B, Univers, Univers Bold, Univers Condensed Bold, CG Triumvirate Condensed Bold, MHeiGB18030C_Medium (Simplified Chinese GB18030)
Other Fonts – Downloadable: MSung HK Medium (scalable TTF fonts), other required TTF fonts

ENVIRONMENTAL

Operating Temperature: +5°C to +40°C (+41°F to +104°F) 15% to 80% RH, non-condensing
Storage Temperature: -40°C to +60°C (-40°F to +140°F) @ 10% to 90% RH
Noise Level: <70 dB

ELECTRICAL

Input: 100–240V AC @ 50–60 Hz 1.5 A
Output: 24V DC 2.5 A

OPTIONS AND UPGRADES

Factory-Installable: Ethernet, Serial

APPROVALS

Regulatory: CCC, CB, CE, EMC, cULus, FCC, CRS, EAC, NOM
Europe: D Mark, EN 60950-1; CE Europe EMC Directive (EN55022 Class A + EN55024)

WARRANTY

One-year standard warranty

For more information
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