PC42E-T

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4-inch Desktop Printer

The Honeywell PC42E-T is a compact, high-speed, and high-resolution desktop printing solution designed for mid-volume printing businesses that require reliable and continuous operation. With its array of intelligent features and user-friendly design, the PC42E-T is well-suited for various industries such as retail, transportation and logistics, light manufacturing, and warehousing.



PC42E-T offers 203/300 dpi print resolution with up to 6 ips speed and modular design to help meet the demand for productivity increase and cost saving.

The PC42E-T desktop printer is compact, reliable, and user-friendly, providing efficient printing performance, easy manageability, and maintenance. It helps maximize productivity and minimize costs, making it ideal for light to medium printing applications in various industries such as retail, warehousing, transportation and logistics, and light manufacturing.

Equipped with high-performance print heads offering resolution options of 203 dpi or 300 dpi, the PC42E-T delivers fast and stable high-quality printing with a maximum speed of 6 inches per second. This meets customer demands for enhanced printing accuracy and high-definition labels required for tasks like logistics parcel tracking and marking assets and products.

The PC42E-T includes an ECO button for economy mode that helps reduce label wastage and save calibration waiting time. Its clever design allows easy switching between 0.5 inch and 1inch ribbon cores and enables multiple applications with a single printer.

Connectivity options for the PC42E-T are diverse, catering to different usage scenarios. In addition to built-in ethernet and USB host, the printer supports a host of accessories like cutters, peelers, Wi-Fi/Bluetooth®, and USB to serial cable. The cutter supports enhanced productivity, while the peeler supports various paper types and offers excellent stripping performance. The optional Wi-Fi/Bluetooth module enables easy deployment and management of a large number of printers, reducing the limitations of physical cable connections.

FEATURES AND BENEFITS

203 dpi/300 dpi high-performance, fast, and stable printing solution supports both thermal and direct transfer at an affordable price. 128 MB memory for easy fonts/character storage.

Flexible connectivity options. Besides built-in USB and Ethernet, offers Wi-Fi and Bluetooth for remote printing and device management.

LED indicator and one feed button for easy operation and printing status monitoring. ECO button helps save time and reduce label cost.

The compact and user-friendly design of PC42E-T combines functionality with style, suitable for both back-end and front-end environment.

Honeywell Printer Edge is a smart, connected printer platform with easy setup, quality output, enhanced security, and the simplicity of a single software toolkit for your printer network.

Honeywell

The PC42E-T is also backward-compatible with accessories from the earlier PC42T model and thus helps to protect your initial investments. With its rich interfaces, compact design, and compatibility with common media specifications, the PC42E-T seamlessly integrates into any application environment.

Efficiency and reliability of printing operations are essential for successful workflows. Honeywell Printer Edge™ provides centralized management and real-time monitoring of your printer network and may help reduce printer downtime and improve the speed and accuracy of printer operations. With effortless integration, a user-friendly interface, enhanced security, and a single software toolkit, you can keep your operations running smoothly while helping reduce costs and maximize productivity.

With its intuitive design, the PC42E-T offers many operation conveniences. The large top window and LCD screen allow for easy monitoring of consumables and printing status, while the flat top design facilitates stackable usage.

Whether for printing receipts, tags, or labels, the PC42E-T is the perfect choice for helping maximize productivity and reduce costs, catering for present and future needs.

Retail

The PC42E-T is a compact and user-friendly solution that is perfect for retail and chain-store environments. It enhances work efficiency and improves customer engagement. With its high printing speed of up to 6 inches per second and options for high-resolution printing, retailers can enjoy stable and fast point-of-sale printing, helping increase productivity, accuracy, and customer satisfaction. Wireless connectivity options like Wi-Fi and Bluetooth® make it easy to print on demand and manage multiple devices without being confined to a desk. The ECO button helps reduce calibration time & label wastages.

Transportation & Logistics

PC42E-T helps to improve the accuracy and speed of delivery with fast and reliable printing even when on the move. Empower logistics and transportation workers to stay connected and print on the go with the PC42E-T's Wi-Fi and Bluetooth connections. This efficient printer features a large LED display for easy monitoring of printing status. The ECO button enables quick calibration, helping boost efficiency and reduce label waste. The user-friendly design of the PC42E-T facilitates easy media loading and operation, while the large top window allows for effortless label monitoring.

Light Manufacturing & Warehouse

The PC42E-T is a valuable tool for light manufacturers looking for production efficiency. It offers a range of accessories, such as peel-off and cutter options, which enable high-speed printing in large quantities. The printer's high-performance print head with 203 dpi/300 dpi resolution and fast printing speed of up to 6 ips supports high-quality and efficient output, helping to increase productivity.

PC42E-T Technical Specifications

MECHANICAL

Dimensions (L x W x H):
10.74 in x 7.8 in x 6.6 in
(273 mm x 198 mm x 168 mm)

Weight: 4.5 lbs (2.04 kg)

MEDIA

Maximum Media Diameter:
5.0 in (127 mm)

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

Media Width:
1 in to 4.5 in (25.4 mm to 114 mm)

Minimum Label Length:
0.37 in (9.6 mm)

Maximum Print Length:
190 in (4826 mm) for 203dpi,
85 in (2159 mm) for 300dpi

RIBBON

Ribbon Support:
Coated side out

Maximum Ribbon Diameter:
2.7 in (68 mm)

Ribbon Core Sizes:
0.5 in, 1.0 in

Ribbon Width:
1 in to 4.3 in (25.4 mm to 110 mm)

Maximum Ribbon Length:
300 m@1 in core; 74m @ 0.5 in core

PRINTING

Print Resolution
203 dpi (8 dots/mm)
300 dpi (12 dots/mm)

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

Maximum Print Speed:
203 dpi: 6ips
300 dpi: 5ips

Maximum Print Width:
4.25 in (108 mm)

COMMUNICATIONS

Standard Interfaces:
USB Device, USB Host, factory installed Internal Ethernet

Options: USB to serial cable

Wi-Fi 5 & Bluetooth® 5.0 module

Protocols: TCP/IP suite (TCP, UDP, M, IGMP), LPR/ LPD, Telnet/SSH,

FTP/SFTP, BOOTP, DHCP, HTTP/HTTPS, SMTP Supports IPv4 and IPv6

USER INTERFACE

Display:
1 Feed Button, 1 ECO Button and LED

Web Page Languages:
English (Default), and Simplified Chinese, Traditional Chinese, German, French, Italian, Korean, Portuguese, Russian, Spanish, 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), XML enabled for SAP® AII and Oracle® WMS

Drivers:
Inter Driver Windows® printer driver, CUPS driver for Linux, Honeywell Device Types for SAP, Honeywell label design and print package

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

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

ELECTRICAL

Input: 90~264V voltage

Output: 24V DC, 2.5 A

MEMORY

Standard: 128 MB Flash, 128 MB SDRAM

ACCESSORY OPTIONS

- Cutter
- Peel-off
- Roller

APPROVALS

Regulatory: CE, C TUV US, FCC, IC

Safety: CB

Europe: EN 62368-1

Other Countries: IEC 62368-1

EMC: Europe EMC Directive, EN55032 CLASS A+ EN55035

WARRANTY

One-year warranty on printer
One-year warranty on printhead

For more information about warranty, please visit https://sps.honeywell.com/us/en/support/productivity/warranties

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

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For more information
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