PC41/PC42E-D

Direct Thermal Desktop Printer

Compact yet powerful, the PC41/PC42E-D desktop printer is built to perform—delivering seamless integration, reliable operation, and effortless usability across fast-paced, high-demand environments, without compromising on budget.

The PC41/PC42E-D desktop printer offers powerful performance in a compact design, making it a smart choice for businesses of all sizes. Easy to use and quick to set up, it fits smoothly into existing systems and helps reduce downtime. With reliable operation and flexible connectivity, it's built to handle a variety of work environments—efficiently and affordably.

The PC41E-D and PC42E-D printer deliver reliable, budget-friendly performance for transportation and logistics, retail, and light manufacturing. With intelligent features, flexible connectivity, and a wide range of accessories, it is ideal for a variety of applications—including but not limited to parcel and postal labeling, warehouse operations, shipping and receiving, price markdowns, and receipt printing.

ENTERPRISE-GRADE PERFORMANCE, SIMPLIFIED

Built on the robust Honeywell Printer Edge™ platform, the PC41/PC42E-D series is engineered to deliver the longevity, security, and reliability businesses expect from an enterprise-grade printing solution. Through a unified ecosystem—streamlining setup, ensuring exceptional print quality, and supporting a wide range of drivers for seamless process management.

PRECISION MEETS SPEED

Equipped with high-performance printheads offering resolutions of 203 dpi or 300 dpi, the PC41/PC42E-D delivers fast, stable, and high-quality output at speeds of up to 8 inches per second. Whether it's parcel tracking, asset labeling, or product marking, this printer meets the demand for sharp, accurate, and high-definition labels—keeping your operations running smoothly and efficiently. Low media sensor dedicated SKU's available to minimize downtime and reduce waste.

COMPACT POWER WITH SLEEK VERSATILE STYLING

Available in Black or White (model-specific) to blend seamlessly into both front-of-store and back-of-store environments. Its rounded edges enhance durability, helping it withstand the rigors of daily use while maintaining a professional appearance. With intuitive user interfaces—choose between the PC41E-D's single-button + LED or the PC42E-D's multi-button + multi LED—operation is simple and efficient for any user. Plus, a full suite of accessories including cutters, peelers, and power cables ensures you're equipped for smooth, hassle-free printing right out of the box.

RELIABLE CONNECTIVITY, SIMPLIFIED DEPLOYMENT

Stay connected with confidence. The PC41/PC42E-D series offers a robust range of connectivity options to meet both basic and advanced operational needs. The PC41E-D features standard USB device and USB host for straightforward, dependable integration. For more complex environments, the PC42E-D has standard USB device, USB host, factory installed ethernet, serial and supports optional Wi-Fi 5 and Bluetooth V5.0 module, enabling flexible wireless communication. Other device management options also available.

FEATURES AND BENEFITS

High-performance enterprise ready direct thermal label printer. Capable of up to 1,000 labels per day. Versatile resolution with options of 203 dpi or 300 dpi. Impressive print speed of up to 8 ips and precise registration of +/- 1.5 mm.

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.

With a compact, modern, and ergonomic design. Available in black or white (model dependent) to match any workspace. Rounded edges enhance durability against daily wear and small footprint allows it to fit into tight spaces.

Flexible connectivity options. Built-in dual high-speed USB and ethernet. PC42E-D offers optional Wi-Fi 5 and Bluetooth V5.0 for remote printing.

ECO button for economy mode that helps reduce label wastage and save calibration waiting time. Low media sensor option on dedictaed SKUs.

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PC41/PC42E-D Technical Specifications

MECHANICAL CHARACTERISTICS

LxWxH: 222 mm L x 184 mm W x 174 mm H (8.8 in L x 7.3 in W x 6.9 in H)

Weight: 1.5kg (3lbs)

ENVIRONMENTAL

Operating Temperature: 5°C to 40°C (41°F to 104°F)

Storage Temperature: -40°C to 60°C (-40°F to 140°F)

Humidity: 10% to 90%, non-condensing

PRINT SPECIFICATIONS

Max Width at 203 dpi: 108 mm (4.25 in)

Max Width at 300 dpi: 108 mm (4.25 in)

PRINT SPEED

At 203 dpi: up to 8ips*
*max speed dependent on use case

At 300 dpi: up to 6ips

PRINT RESOLUTION

At 203 dpi: 8 dots/mm

At 300 dpi: 12 dots/mm

WIRELESS CONNECTIVITY

WLAN:

Security: OPEN,WEP,WPA/WPA2/WPA3 (Personal and Enterprise)
FAST roaming (802.11r)

Supported EAP: TTLS, TLS, PEAP, LEAP

Bluetooth: Bluetooth® 5.0
(Field installable)

MEDIA SPECIFICATIONS

Maximum Media Width: 25.4 mm (1 in) to 114 mm (4.48 in)

Media Thickness: 0.06 mm (2.5 mil) to 0.19 mm (7.9 mil) For optimum print quality and printer

Maximum Media Roll Capacity: 127 mm (5 in) O.D

Media Core I.D: 12.7 mm (0.5 in), 25.4 mm (1 in), 38.1 mm (1.5 in)

Minimum Media Length: 9.6 mm (0.37 in)

Maximum Print Length:

Max at 203 dpi: 4826 mm (190 in)

Max at 300 dpi: 2159 mm (85 in)

Media Types: Tags, receipt paper, linered labels, labels with black mark or gap

Media Sensing: Gap, notch, black mark, continuous

Other sensing: Media low (SKU Specific)

COMMUNICATIONS

Standard Interfaces:

PC41E-D: USB Device, USB Host,

PC42E-D: USB device, USB Host, Factory installed Ethernet, Serial

Optional for PC42E-D only:
Wi-Fi 5 & Bluetooth® V5.0 (field installed)

Network Protocols:
TCP/IP suite (TCP, UDP, M, IGMP), LPR/ LPD, Telnet/SSH, FTP/SFTP, BOOTP, DHCP, HTTP/HTTPS, SMTP Supports IPv4 and IPv6

NETWORK SECURE CHANNELS

Secure Net1 printing channel Secure printer configuration channel

OPTIONS AND ACCESSORIES

PC41E-D
Platen Roller, Printhead, Power Cord, Cables

PC42E-D

Platen Roller, Printhead, Power Cord, Peeler, Cutter, Wi-Fi/Bluetooth module (field installed) Low media sensor (factory Installed)

USER INTERFACE

PC41E-D: 1 LED feed button, 1 ECO

PC42E-D: 3 status icon, 3 LED, 1 ECO

MEMORY

PC41E-D: 128MB SDRAM/128 MB Flash

PC42E-D: 256MB SDRAM/256 MB Flash

POWER SUPPLY

Input: 90–264V voltage

Output: 24V DC, 2.5A

China(mainland)

input: 198-240V voltage

Output: 24V DC, 2A

HOUSING COLOR SCHEME

PC41E-D: Black only

PC42E-D: Black or white option

SOFTWARE

Printer Command Languages:
Direct Protocol (DP), DPL, ZSim2 (ZPL II), ESim (EPL), XML enabled for SAP® AII and Oracle® WMS, Intermec IPL, TPCL (only supports on 200dpi)

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

Smart Printing Languages: C# for Printers: Honeywell Smart Printing Developer Resource Kit; write apps with .NET compatible development environments

Configuration and Device Management Support (optional): PrintSet 6 for printer configuration; sophisticated web interface for configuration, upgrades and 1:1 management

Regulatory approvals
RoHS Compliant, CE (EN55032 Class A), FCC Class A, Energy Star 3.2 Qualified

WHATS IN THE BOX

Printer, Quick Start Guide, USB cable, product compliance insert, power cord (SKU dependent), power supply unit

WARRANTY

One-year warranty on printer

One-year warranty on printhead;

additional service packages available through Honeywell Repair Services

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

For a complete listing of all supported barcode symbologies, please visit www.honeywell.com/PSS-symbologies

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*Support will be enabled by Q2 2026.

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