



## HONEYWELL THERMAL PRINTERS & MEDIA SUPPLIES

**Honeywell**



## Honeywell: The Smarter Choice for Thermal Printing & Supplies

*With over 40 years of experience developing industry-leading barcode printing solutions, you can depend on Honeywell for intelligent thermal printing solutions. From rugged and dependable fixed industrial printers, to lightweight and ergonomic mobile printers—and everything in between—you now have a trusted partner when it comes to your thermal printing needs.*

You now have a smarter choice when it comes to barcode label printing: Honeywell. We've built a reputation for thermal printers that are easier to use, smarter by design, and pack performance that ensures the productivity of your operations. We don't just make printers—we provide solutions that maximize your workflows.

### **Easier to Install, Easier to Use**

Upgrading to the latest in thermal printing technologies is now easier than ever. Honeywell printers are available with full-color, multi-lingual graphic displays that provide step-by-step wizards for first-time deployment, and simplify common maintenance tasks.

Considering an upgrade from another printer brand? Honeywell printers feature comprehensive emulation support for all common printer command languages, eliminating the need to rewrite printing scripts or label formats. Simply install the printer, select your print language, and you're ready to print.

### **Smarter By Design**

Smart Printing technology, a Honeywell innovation, removes the need for a connected PC and puts the brain of a computer right inside the printer. That's right: Smart Printing completely eliminates the need for an attached PC and all of the maintenance hassle that comes with it. Honeywell Smart Printers can control peripherals—handheld scanners, scales, and keyboards—and can run standalone apps, developed in C# for Printers or Fingerprint.

### **Productivity Enablers**

You don't have time to wait on a label, and with Honeywell printers, you won't have to. We've prioritized speed and reliability in all of our designs, which is why you'll find many of our printers offering class-leading printing throughput. Along with fast print speeds, our industrial printers feature full-metal enclosures with cast aluminum print mechanisms capable of 24/7 mission critical print duties, while many of our mobile printers feature ruggedized designs that can take the punishment your mobile workers dish out—all day, every day.





## Industrial Printers: Leading the Pack

Honeywell industrial printers blend performance and reliability to maximize your most important labeling workflows. Our industrial ticket and tag printers cover any type of application—from commercial, light-volume needs to rugged, round-the-clock printing performance. Recognized for durability and mission-critical reliability, Honeywell industrial printers feature comprehensive network connectivity and security; industry-leading print performance and quality; powerful device health monitoring and remote management capabilities; and Smart Printing, a technology which eliminates the need for a connected PC entirely.

### High Performance Printers




- Built for mission critical applications and 24x7 operation.
- Typically 5,000-10,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, and healthcare environments.

Product	Family	Max. Media Width	Max. Print Speed	Print Resolution	Connectivity	Print Languages
	H-Class 4*	4.65 in (118 mm)	12 ips (304 mm/s)	203, 300, 406, 600 dpi (8, 12, 16, 24 dpmm)	Serial (RS232), Parallel, Ethernet LAN (10/100), USB 2.0 Compatible, Wireless 802.11b/g*, GPIO Applicator Card*	ZPL (Zebra), IPL (Intermec), PL-B (Boca), DPL (Datamax)
	H-Class 6*	6.70 in (170 mm)	12 ips (304 mm/s)	203, 300 dpi (8, 12 dpmm)		
	H-Class 8*	9.00 in (229 mm)	8 ips (203 mm/s)	300 dpi (12 dpmm)		
	H-8308p 9*	9.00 in (229 mm)	8 ips (203 mm/s)	300 dpi (12 dpmm)	USB 2.0, Dual USB Host, Ethernet LAN (10/100), GPIO Applicator Card and Serial (RS232)*, Wireless 802.11b/g*	PCL5e, PCL6/XL
	PX4i (4')	4.40 in (112 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)	Serial (RS232), Parallel*, Ethernet LAN (10/100), Wireless 802.11b/g*,	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax)
	PX6i (6')	6.69 in (170 mm)	9 ips (225 mms)	203, 300 dpi (8, 12 dpmm)	Industrial Interface*, Dual Serial (RS232)*, Wireless 802.11b/g*	

\* Optional accessory

## Mid-Range Printers



- Rugged and reliable, for medium- to high-volume labeling applications.
- Typically 2,000 to 7,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics and healthcare environments.

Product	Family	Max. Media Width	Max. Print Speed	Print Resolution	Connectivity	Print Languages
	PM43 4*	4.49 in (114 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)	Serial (RS232), Ethernet LAN (10/100), Wireless 802.11 b/g/n* USB 2.0, USB Host, Parallel*, Industrial Interface*, Dual Serial RS232*, Dual USB Host*	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), C# for Printers
	PM43c 4*	4.49 in (114 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)		
	PM23c 2*	2.72 in (69 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)		
	I-Class 4*	4.65 in (118 mm)	12 ips (304 mm/s)	203, 300, 600 dpi (8, 12, 24 dpmm)	Serial (RS232), Parallel, USB 2.0, Ethernet LAN (10/100)*, Wireless 802.11a/b/g*, Dual USB Host*, SDIO*, GPIO*	AutoDetect: DPL (Datamax), ZPL (Zebra), IPL (Intermec)
	Performance Series 4*	4.16 in (106 mm)	10 ips (254 mm/s)	300, 600 dpi (12, 24 dpmm)	USB 2.0, Ethernet LAN (10/100), Wireless 802.11b/g*, Applicator GP I/ & Serial (RS232)*, USB Host*	PCL5e & PCL6

\* Optional accessory



## Commercial Printers

- For light duty industrial and commercial applications.
- Typically 1,000-4,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, healthcare and retail environments.

Product	Family	Max. Media Width	Max. Print Speed	Print Resolution	Connectivity	Print Languages
	PD43 4*	4.65 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, USB Host, Ethernet LAN (10/100)*, Serial (RS232)*, Parallel*, Bluetooth & Wireless 802.11b/g/n*	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), EPL (Eltron), C# for Printers
	PD43c 4*	4.65 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		
	M-Class 4*	4.25 in (108 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, Serial (RS232), Parallel, Ethernet LAN (10/100)*, Wireless 802.11b/g*	ZPL (Zebra), IPL (Intermec), FGL (Boca)

## Ultra Compact Printers

- Small but mighty, these versatile printers can be fit into even the smallest of spaces, while still offering true industrial printing performance.
- The MP Compact can even be mounted directly on a forklift.
- Capable of printing up to 4,000 labels per shift.
- Ideal for warehouses, distribution centers, manufacturing, and transportation and logistics environments.

Product	Family	Printer Type	Max. Media Width	Max. Print Speed	Print Resolution	Connectivity	Print Languages
	MP Compact 4*	Direct Thermal Compact Stationary Printer	4.50 in (114 mm)	5 ips (125 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, Serial (RS232), Ethernet LAN (10/100), Wireless 802.11b/g*	IPL (Intermec), ZPL (Zebra), DPL (Datamax), FGL (Boca)
	MP Compact Mobile 4*	Direct Thermal Compact Forklift Printer	4.50 in (114 mm)	5 ips (125 mm/s)	203, 300 dpi (8, 12 dpmm)		
	MP Nova 4*	Direct Thermal or Thermal Transfer Stationary Printer	4.50 in (114 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, Serial (RS232), Ethernet LAN (10/100)	IPL (Intermec), ZPL (Zebra), DPL (Datamax), FGL (Boca)
	MP Nova 6*	Direct Thermal or Thermal Transfer Stationary Printer	7.10 in (180 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)		
	MP Nova 8*	Direct Thermal or Thermal Transfer Stationary Printer	9.10 in (231 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)		

\* Optional accessory



## Mobile Printers: The Perfect Fit

Honeywell mobile printers deliver performance—whenever and wherever you need it. Our wide range of energy-efficient and ergonomic mobile printers are designed to withstand punishing field conditions where dirt, moisture, temperature extremes and physical shock are common. With a focus on comfort and usability, our mobile printers are some of the lightest in their class, featuring smart touches such as one-handed media reloading and user-replaceable batteries.

### Mobile Label Printers



- For demanding printing environments where accuracy and speed are key performance indicators.
- Ideal for warehouses, distribution centers, healthcare and retail in-store environments.

Product	Family	Max. Media Width	Max. Print Speed	Ruggedness	IP Rating	Connectivity	Print Languages
	PB22 2"	2.19 in (56 mm)	4 ips (102 mm/s)	Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces; enhanced to 2.0 m (6.5 ft) when protective boot* is used	IP54 (high level of protection against particles; fair amount of protection against water)	USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g* (802.11b/g/n available for ETSI)	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), CPCL, ESC-P
	PB32 3"	3.29 in (84 mm)	4 ips (102 mm/s)				
	PB50 4"	4.39 in (111 mm)	4 ips (102 mm/s)	Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces			
	RL3e 3"	3.12 in (79 mm)	4 ips (102 mm/s)	Tested to withstand 26 drops from 1.8 m (5.9 ft), even at extreme temperatures	IP54 (when used with protective case*)	USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11a/b/g/n*	Ez-Print, DPL (Datamax), ZPL (Zebra), IPL (Intermec), CPCL, XML
	RL4e 4"	4.12 in (105 mm)	4 ips (102 mm/s)				
	OC3 3"	3.0 in (76 mm)	2 ips (51 mm/s)	1.22 m (4 ft)	IP43	USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11b/g	Ez-Print, Line Printer Mode
	LP3 3"	3.0 in (76 mm)	2 ips (51 mm/s)	1.22 m (4 ft)	IP43	USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11b/g	Ez-Print, Line Printer Mode

\* Optional accessory

## Mobile Receipt Printers




- For demanding mobile applications where performance, reliability and revenue assurance are key.
- Ideal for direct store delivery, field service and sales, in-store mobile checkout, public safety and e-citation applications.

Product	Family	Max. Media Width	Max. Print Speed	Ruggedness	IP Rating	Connectivity	Print Languages
	PB21 2"	2.25 in (57 mm)	4 ips (102 mm/s)	Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces; enhanced to 2.0 m (6.5 ft) when protective boot* is used	IP54 (high level of protection against particles; fair amount of protection against water)	USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g*	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), CPLC, ESC-P
	PB31 3"	3.29 in (84 mm)	4 ips (102 mm/s)				
	PB51 4"	4.39 in (111 mm)	4 ips (102 mm/s)	Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces			
	PR2 2"	2.28 in (58 mm)	3 ips (102 mm/s)	Tested to withstand 26 drops from 1.2 m (4 ft) on all surfaces	IP42 (IP54 when used with protective case*)	MFI Certified for iOS Devices, NFC, USB 2.0, Bluetooth*, IrDA*, Wireless 802.11b/g*	ESC/P, CPCL, XSim (Ex-PCL)
	PR3 3"	3.14 in (80 mm)	3 ips (102 mm/s)				
	Apex 2/2i 2"	2.24 in (57 mm)	2 ips (51 mm/s)	1.22 m (4 ft)	IP54 (when used with protective case*)	MFI Certified for iOS Devices, Serial (RS232), Bluetooth (iOS Compatible), IrDA*	ExPCL, Line Printer Mode
	Apex 3/3i 3"	3.14 in (80 mm)	2 ips (51 mm/s)				
	Apex 4/4i 4"	4.37 in (111 mm)	2 ips (51 mm/s)				
	OC2 2"	2.25 in (57 mm)	2 ips (51 mm/s)	1.22 m (4 ft)	IP54 (when used with protective case*)	USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g*	Ez-Print, Line Printer Mode
	OC3 3"	3.0 in (76 mm)	2 ips (51 mm/s)				

\* Optional accessory

## Workboard Printers

- For specialty applications where full page or integrated solutions are required.
- Ideal for direct store delivery, route accounting, field service and sales.

Product	Family	Printer Type	Max. Media Width	Max. Print Speed	IP Rating	Connectivity	Print Languages
	6822	Full-Page Dot Matrix Receipt Printer	8.5 in (216 mm)	2 pages/m	IP20	USB, Mobile Computer Socket	ESC-P
	PW50	Direct Thermal Workboard Printer	4.37 in (111 mm)	4 ips (102 mm/s)	IP20	Serial (RS232), Bluetooth, DEX/UCS	
	PrintPAD	Direct Thermal Workboard Printer	4.41 in (112 mm)	2 ips (51 mm/s)	TBD	USB 2.0, Serial (RS232), Bluetooth	Ez-Print, Line Printer Mode

\* Optional accessory







## Desktop Printers: Easy to Install & Use

For labeling that requires a compact, highly intuitive and flexible printing solution, Honeywell desktop printers offer the right features to meet your needs. Quiet and reliable, Honeywell's lineup of efficient desktop printers are the easy choice for a wide variety of light duty labeling applications.

### Desktop Printers

- For low volume labeling applications.
- Typically less than 2 rolls or 1,000 labels per day.
- Ideal for offices, retail, healthcare, small- and medium-sized businesses, packing and shipping, and light-duty manufacturing and warehouse environments.

Product	Family	Printer Type	Max. Media Width	Max. Print Speed	Print Resolution	Connectivity	Print Languages
	PC42t 4*	Direct Thermal or Thermal Transfer	4.30 in (110 mm)	4 ips (102 mm/s)	203 dpi (8 dpmm)	USB 2.0, USB Host 2.0, Ethernet LAN (10/100)*, Serial (RS232)*, Parallel**	Direct Protocol, ZPL (Zebra), EPL (Eltron)
	PC43t 4*	Thermal Transfer	4.64 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, USB Host 2.0, Ethernet LAN (10/100)*, Wireless 802.11b/g/n & Bluetooth*, Serial (RS232)**, Parallel**	C# for Printers, IPL (Intermec), FingerPrint / Direct Protocol, ZPL (Zebra), DPL (Datamax), XML-Enabled
	PC43d 4*	Direct Thermal	4.64 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		
	PC23d 2*	Direct Thermal	2.35 in (60 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		
	E-Class 4*	Direct Thermal or Thermal Transfer (Optional)	4.40 in (112 mm)	6 ips (152 mm/s)	203, 300 dpi (8, 12 dpmm)	Serial (RS232), Parallel*, USB 2.0*, USB Host*, Ethernet LAN (10/100)*, Wireless 802.11a/b/g*, Bluetooth*	DPL (Datamax), ZPL (Zebra), IPL (Intermec), EPL (Eltron), XML-Enabled
	Workstation 4*	Direct Thermal	4.33 in (110 mm)	4 ips (102 mm/s)	300 dpi (12 dpmm)	USB 2.0, Ethernet LAN (10/100), Serial (RS232)*	PCL5e, PCL6

\* Optional accessory

\*\* Via optional adapter cable

# The Right Supplies for Your Application Needs







Honeywell genuine labels, tags, receipts and ribbons support a broad range of barcode printing applications in mild to harsh environments. While a wide variety of these are offered as take-from-stock products for fast delivery, Honeywell will also customize the label material, configuration, size or any other feature to meet even the most challenging environment. Honeywell's media supply experts and world class research and development engineers are dedicated to delivering custom solutions to meet unique requirements.

For more information visit [HoneywellAIDC.com/supplies](http://HoneywellAIDC.com/supplies).



## Innovation and Technology: Working Together for You

In addition to industry leading printers and media, Honeywell offers the broadest range of data collection, mobile computing, RFID, wired and wireless connectivity solutions available from one company. Honeywell systems are built to withstand the rigors of your real-world environment and they offer comprehensive security, protecting the privacy and integrity of your data and your network. Additionally, Honeywell products and systems conform to industry standards and use the latest technologies, making it easier for you to migrate to new systems as your needs change.

	<p><b>Mobile Computers</b> Rugged handhelds and fixed mount computers deliver real-time access to information at the point of work, increasing workforce efficiencies and enabling improved service levels</p>		<p><b>RFID</b> Honeywell RFID readers, antennas and tags bring intelligent data collection to the global supply chain for a wide variety of RFID applications and environments.</p>
	<p><b>Printers and Media</b> Media extensive range of Honeywell printers and media includes a solution for just about any environment or application: Industrial, Mobile, Desktop and RFID printers; labels, receipts, tags and ribbons; and software.</p>		<p><b>OEM</b> Honeywell's OEM products deliver embedded, high-performance data collection technology to OEM manufacturers of data collection computers, kiosks, and countless other applications.</p>
	<p><b>Barcode Scanners</b> Honeywell scanners feature Honeywell's own scan engines, including laser, linear and area imaging technologies delivering a tailored solution for your application needs.</p>		<p><b>Software and Tools</b> Honeywell offers pre-bundled and custom hardware/software solutions for a variety of markets, including retail, field service, transportation and route distribution.</p>

### Honeywell Sensing and Productivity Solutions

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