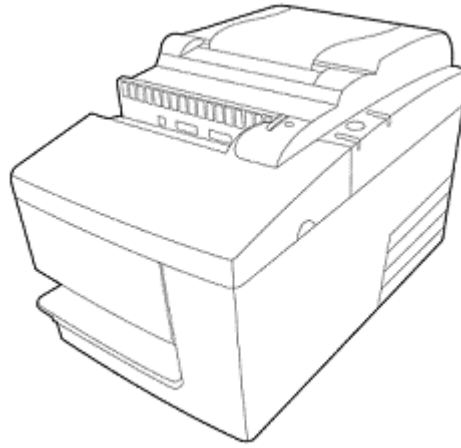


### Overview



### Models

HP Hybrid POS Printer with MICR

FK184AA

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### Introduction

The HP Hybrid POS Printer is a multi-functional printer with MICR (Magnetic Ink Character Recognition) for retail environments. Its compact size makes the HP Hybrid POS Printer with MICR one of the smallest on the market today - perfect for space-constrained locations.

The HP Hybrid POS Printer with MICR features a large 83 mm paper roll capacity and prints up to 59 lines per second, making it one of the fastest printers in its class, dramatically reducing wait times at the point of sale.

It is the ideal printing companion for the HP Point of Sale Systems and the HP Cash Drawers (Model No. FK182AA and QT457AA).

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### Key Benefits

- Two printers in one:
    - Two-color thermal printer on top for receipts
    - Impact slip printer on the bottom for inserted forms and checks
  - Compact size with large paper roll capacity
  - Prints up to 59 lines per second
  - Selectable 44 or 56 columns of print on 80 mm wide thermal paper
  - Connector for cash drawer
  - No separate power cable; connects to powered USB connection on POS system
  - Drop-in paper loading system
  - Built in MICR for check reading and validating
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### Overview

#### Compatibility

The HP Hybrid POS Printer is compatible with the HP Point of Sale Systems.

**NOTE:** Not all Point of Sale system models are available in all regions.

Not all HP Cash Drawer models are available in all regions.

This printer does not comply with fiscalization requirements that may be required in certain countries.

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#### Service and Support

Your HP Peripheral Limited Warranty is a three (3) year (HP Option Limited Warranty Period) parts replacement warranty.

### Technical Specifications

<b>General</b>	<p><b>Supported Character Sets</b></p> <p><b>Resident Code Pages:</b>            437 (US)            737 (Greek)            850(Multilingual Latin I)            852 (Latin II)            857 (Turkish)            858(Multilingual Latin I + Euro)            860 (Portuguese)            862 (Hebrew)            863 (Canadian French)            865 (Nordic)            866 (Russian)            871 (Thai) – Thai Effective February 2011            1251 (Cyrillic)            1252 (Latin I)            1255 (Hebrew)</p> <p><b>Bar Codes</b>            UPC-A, UPC-E, Code 39, Code 93, Code 128, JAN8 and JAN13 (EAN), Interleaved 2 of 5, Codabar, PDF 417 (receipt station only)</p> <p><b>Printing Speed</b>            Receipt Station Monochrome 59.2 LPS (200 mm/sec)  <b>NOTE:</b> can support up to 250 mm/sec with FW v2.03 or later            Receipt Station two-color 29.6 LPS (100 mm/sec)            Slip Station 4.8 LPS (16 mm/sec)</p> <p><b>Auto Cutter</b>            Partial Cut</p> <p><b>Cash Drawers</b>            1 connector can drive 2 cash drawers with separately purchased splitter cable (default configuration is connection to 1 cash drawer)</p> <p><b>Data Buffer</b>            8k</p> <p><b>User memory</b>            8MB Flash memory; shared for graphics, logos, user defined characters and user data storage</p> <p><b>Print Method</b>            Receipt Station (Direct Thermal, 203 DPI); Slip Station (9-Pin Impact)</p> <p><b>Character Cell Size</b>            Receipt Station (13 X 24, 10 X 24); Slip Station (7 x 7, 12 x 7, 5 x 9)</p> <p><b>CPI</b>            Receipt Station (15.6, 20.3); Slip Station (13.9 &amp; 16.8)</p> <p><b>Print Columns</b>            Receipt Station (44 &amp; 56); Slip Station: (42 &amp; 51)</p> <p><b>Print Line Width</b>            Receipt Station (2.8 in. (72 mm)); Slip Station (3.02 in. (76.8 mm))</p> <p><b>Paper Type</b>            Direct Thermal, POS Grade(s), special paper for color printing</p> <p><b>Paper Roll (W x D)</b>            3.15 in. X 3.27 in. (80 mm X 83 mm)</p> <p><b>Control Language</b>            Application Compatible Escape Commands</p>
<b>Mechanical</b>	<p><b>Dimensions (WxDxH)</b>            6.5 in. X 11.4 in. X 6.6 in. (165.10 mm X 289.56 mm X 167.64 mm)</p> <p><b>Weight</b>            Approximately 8 lbs (3.62 kg)</p>
<b>Interface/Connection</b>	<p><b>Interface</b>            24V Powered USB            24V Cash Drawers support with RJ 12 interface</p>
<b>Power</b>	<p><b>Voltage (typical)</b>            24V DC</p> <p><b>Current consumption (typical)</b>            1.7A (printing a typical receipt)            1.4A (printing a typical slip)            320mA (idle)</p>

### Technical Specifications

<b>Drivers</b>	Windows native, OPOS, JPOS
<b>Operating Systems</b>	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64 Genuine Windows Vista® Business 32 Genuine Windows XP Professional 32 Genuine Windows Embedded for Point of Service (WEPOS) Genuine Windows Embedded POSReady 2009
<b>Reliability</b>	200 km paper/64 million lines/2 million autocuts
<b>Agency Certifications</b>	EMI: ICES-003, VCCI: Class B (Class A for Imaging Module); FCC Class B (Class A for Imaging Module), WHQL, RoHS, WEEE
<b>Option kit contents</b>	HP USB Printer, Starter paper roll, Powered USB cable, and HP Point of Sale System Software and Documentation CD <b>NOTE:</b> This printer does not comply with fiscalization requirements that may be required in certain countries.

### Single or Multiple Forms

The HP Hybrid POS Printer prints on single- or multiple-part forms in the slip station (up to four-part forms). Forms and slips must meet the following requirements:

**Front insertion** (minimum) 51 mm (2.00") wide  
68 mm (2.68") long

**Side insertion** (minimum) 51 mm (2.0") wide  
203 mm (8.0") long

**Single-ply forms** should be on paper that is greater than 15 pounds

**Multiple-part forms** (up to four parts) should be no thicker than 0.40 mm (0.014") and a minimum thickness of 0.08 mm (0.003")

**NOTE:** Do not use forms containing holes along the top or right edge.

**Forms for use with flip check** (minimum) 63.5 mm (2.5") wide  
152 mm (6.00") long

### Checks

Check specifications for paper are defined by American Standards ANSI X9.13 and ANSI X9.18, and International Standard ISO 1004.

**Minimum check size** 70 mm (2.75") wide x 152 mm (6.00") long

**Maximum check size** 95 mm (3.75") wide x 222 mm (8.75") long

### MICR Reader

**Character sets/fonts** Fonts E-13B and CMC-7, auto discriminate (Integrated in slip station)

**Check Read Rate** 99% minimum

**Parsing Formats** E-13B only. Programmable to any format

### Technical Specifications

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