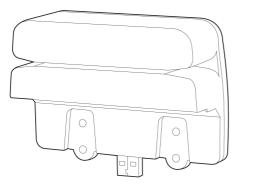
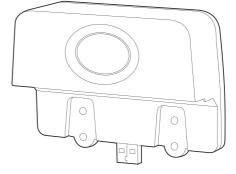
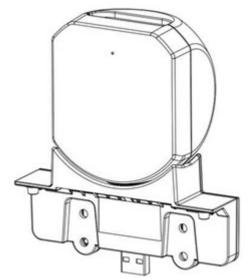
Overview



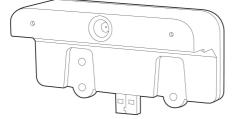
HP Retail Integrated Dual-Head Magnetic Stripe Reader (MSR)



HP Retail Integrated Fingerprint Reader



HP Retail Integrated Barcode Scanner

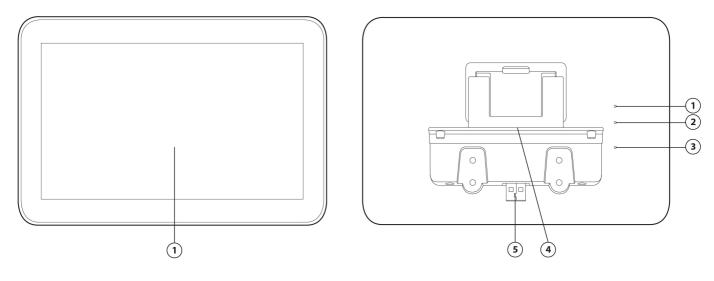


HP Retail Integrated Webcam

(III)



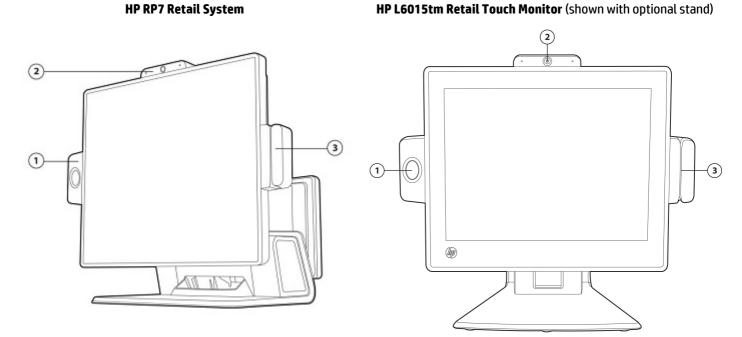
Overview



HP Retail Integrated 7-inch CFD (Front)

HP Retail Integrated 7-inch CFD (Rear)

Installation examples

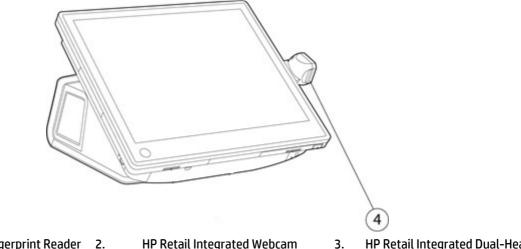




HP Retail Integrated Peripherals

QuickSpecs

Overview



- 1. HP Retail Integrated Fingerprint Reader 2.
- HP Retail Integrated Webcam
- HP Retail Integrated Dual-Head MSR

4. HP Retail Integrated Barcode Scanner

Models

HP Retail Integrated Dual-Head MSR HP Retail Integrated Fingerprint Reader HP Retail Integrated Webcam HP Retail Integrated Barcode Scanner HP Retail Integrated 7-inch CFD

Part Number: QZ673AA Part Number: QZ672AA Part Number: QZ700AA Part Number: E1L07AA Part Number: F7A92AA

Introduction

The following HP Retail Integrated Peripherals (all sold separately) are designed to complement the HP RP7 Retail System and the HP L6015tm and L6017tm Touch Monitors to offer retailers a more seamless solution. The peripherals can be installed in any of the four ports on each side of the monitor to best fit the needs of your environment.

HP does not support the use of any other standard USB device in the four ports around the display beyond the HP Retail Integrated Dual-Head MSR (QZ673AA), HP Retail Integrated Fingerprint Reader (QZ672AA), HP Retail Integrated Webcam (QZ700AA), and HP Retail Integrated Barcode Scanner (E1L07AA).¹



Overview

Key Features and Benefits

HP Retail Integrated Dual-Head MSR (QZ673AA)

- Enables credit card transactions without adding clutter to the POS work space
- Bi-directional swipe for ease of use
- Audio good read indicators allow employees to swipe with confidence of a successful read

HP Retail Integrated Fingerprint Reader (QZ672AA)

- Eliminates password sign-in hassles and buddy-sign-in
- Enables employee authentication so only authorized associates have access to appropriate applications and functions on the terminal
- Allows for secure manager approvals and transaction overrides.
- Requires fingerprint reader-enabled software/application (sold separately)

HP Retail Integrated Webcam (QZ700AA)

- Enables interactive technical support for POS serviceability
- Supports personalized customer interface with online/remote Customer Service Representatives in a kiosk setup
- Internet access, sold separately, is required for transmission of still images and video over a network

HP Retail Integrated Barcode Scanner (E1L07AA)

- Quickly and accurately reads 1D and 2D barcodes, including driver's licenses and codes from mobile device screens.
- Confirm a successful read with audible and visual good read indicators.
- Swivel the adjustable scanner as needed to get the best read.
- Maximize available work space by replacing a handheld or counter-mounted scanner.
- Easily integrates into any of the four USB ports on the display for customizable positioning

HP Retail Integrated 7-inch CFD (F7A92AA)

- Give customers a clear view of their transactions
- Share engaging, colorful, dynamic content at the point-of-sale
- Integrates easily into your retail solution
- The USB bezel connector powers the CFD and eliminates the need for additional cabling
- The edge-to-edge, bezel-less design is easy to clean, helps provide protection from dust, and creates a sleek, modern appearance.

Compatibility

The HP Retail Integrated Peripherals are compatible with the HP RP7 Retail System and the HP L6015tm and L6017tm Touch Monitors.

Service and Support

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



Technical Specifications

| General | Magnetic stripe formats | ISO 7811, AAMVA |
|----------------------------|---|---|
| | Card thickness | 0.015 to 0.045 in (0.38 to 1.14 mm) |
| | Indicators | Audio |
| Mechanical | Dimensions (LxWxH) | 3.94in x 3.06in x 1.34in (99.98mm x 77.8mm x 34mm) |
| | Weight | 4.06 oz (115g) |
| | Slot width | 0.45 in (0.114 cm) |
| | Color | HP Black |
| Interface/ Connection | Interface | USB 2.0 |
| | Connection | Туре А |
| Power | Voltage (typical) | 5.0V +/- 5% supplied by USB, 50mV ripple max |
| | Current consumption (typical) | 40mA max |
| Drivers | | Windows Native, OPOS, JPOS |
| Operating Systems | Compatibility | Microsoft Windows 7 Professional Microsoft Windows 7 Professional 32-bit Microsoft Windows 7 Professional 64-bit Microsoft Windows Embedded POSReady 2009 Microsoft Windows Embedded POSReady 7 32-bit Microsoft Windows Embedded POSReady 7 64-bit Microsoft Windows XP Professional |
| Option Kit Contents | Retail Integrated Dual-Head MSR, HP Point of Sale System Software and Documentation CD. | |

HP Retail Integrated Fingerprint Reader (QZ672AA)

| in Ketalt integratea i ing | gerprine neader (Q2072/00) | |
|----------------------------|-----------------------------|---|
| General | Scan Data | 8-bit grayscale (256 levels of gray) |
| | Pixel resolution | 512 dpi (average x,y over the scan area) |
| | Scan capture area | 14.6 mm (nom. width at center) 18.1 mm (nom. length) |
| Mechanical | Dimensions (LxWxH) | 3.94in x 3.06in x 1.34in (99.98mm x 77.8mm x 34mm) |
| | Weight | x 1.34in (99.98mm x 77.8mm x 34mm) Weight |
| | Color | HP Black |
| Interface/ Connection | Interface | USB 2.0 |
| Power | Supply Voltage | 5.0V ±5% supplied by USB |
| | Supply Current scanning | < 100 mA (Typical) |
| | Supply Current idle mode 1 | 20 mA (Typical) |
| | Supply Current—suspend mode | < 0.5 mA (Maximum) |
| Environmental | Temperature | Operating 0 - 40 C |
| | Humidity | Operating 20% - 80% non-condensing |
| Drivers | | Windows Native |
| Operating Systems | Compatibility | Microsoft Windows 7 Professional Microsoft Windows 7 Professional 32-bit |



Technical Specifications

Microsoft Windows 7 Professional 64-bit Microsoft Windows Embedded POSReady 2009 Microsoft Windows Embedded POSReady 7 32-bit Microsoft Windows Embedded POSReady 7 64-bit Microsoft Windows XP Professional

Option Kit Contents HP Retail Integrated Fingerprint Reader, HP Point of Sale System Software and Documentation CD.

| HP Retail Integrated Webcam (QZ700AA) ¹ | | |
|--|---|---|
| General | CMOS Sensor | 0V9726 |
| | Resolution | HD: 1280x720 |
| | Image Control | Automatic Exposure, Automatic White Balance, Automatic Gain |
| | Field of View | 74.9° |
| | Focus Distance | 19.69 in (500 mm) |
| | Focus Range | 20.5cm ~ infinity |
| | Microphone | Yes (2, Stereo) |
| Mechanical | Dimensions (LxWxH) | 3.94in x 1.77in x 1.34in (100mm x 44.9mm x 34mm) |
| | Weight | 2.05 oz (58g) |
| | Color | HP Black |
| Interface/ Connection | Interface | USB 2.0 |
| Power | Voltage (typical) | 3.3V (5V to 3.3V conversion board inside Webcam module to make it USB compatible) |
| | Current consumption (typical) | 150mA |
| Drivers | | Windows Native |
| Operating Systems | Compatibility | Microsoft Windows 7 Professional Microsoft Windows 7 Professional 32-bit Microsoft Windows 7 Professional 64-bit Microsoft Windows Embedded POSReady 2009 Microsoft Windows Embedded POSReady 7 32-bit Microsoft Windows Embedded POSReady 7 64-bit Microsoft Windows XP Professional |
| Option Kit Contents | HP Retail Integrated Webcam, HP Installation Guide. | |

HP Retail Integrated Barcode Scanner

| Indicators | Audible and visual read indictors |
|-------------------|---|
| Scan direction | Omni-directional |
| 1D / Linear Codes | Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes. |
| 2D Codes | Aztec Code; China Han Xin Code; Data Matrix; MaxiCode;Micro QR Code; QR Code |
| Postal codes | Australian Post; British Post; China Post; IMB; Japanese Post;KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) |
| | Scan direction 1D / Linear Codes 2D Codes |



Technical Specifications

| | Stacked codes | EAN/JAN Composites; GS1 DataBar Composites;GS1 DataBar Expanded Stacked; GS1 DataBar Stacked;GS1 DataBar Stacked Omnidirect |
|-----------------------|---|---|
| Depth of field | Code 39: 5 mils | 4.7 to 17.7 cm (1.8 to 7.0 in) |
| | Code 39: 10 mils | 1.7 to 33.2 cm (0.7 to 13.1 in) |
| | Data Matrix: 10 mils | 2.7 to 17.1 cm (1.0 to 6.7 in) |
| | Data Matrix: 15 mils | 1.2 to 24.6 cm (0.5 to 9.7 in) |
| | EAN: 13 mils | 2.5 to 41.9 cm (1.0 to 16.5 in) |
| | PDF417: 10 mils | 2.2 to 23.9 cm (0.9 to 9.4 in) |
| | QR Code: 10 mils | 3.5 to 16.0 cm (1.4 to 6.3 in) |
| Mechanical | Dimensions (LxWxH) | 4.63 x 3.94 x 2.09 in |
| | Weight | 6.1 ounces (172g) (approximately) |
| | Adjustability | ±120°(side to side), ±1.5° +90°/-5°(down/up), ±1.5° |
| | Color | HP Black |
| Interface/ Connection | Interface | USB 2.0 |
| | Connection | Туре А |
| Power | Voltage (typical) | 5.0V +/- 5% supplied by USB |
| | Current consumption (typical) | <180mA |
| Drivers | Windows Native, OPOS, JPOS | |
| Operating Systems | Compatibility | Windows 8 Professional (64-bit)* Windows 8 Professional (32-bit)* Windows 7 Professional 32-bit** Windows 7 Professional 64-bit** Windows Embedded POSReady 2009 Windows Embedded POSReady 7 32-bit Windows Embedded POSReady 7 64-bit Microsoft Windows XP Professional |
| | *Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See http://www.microsoft.com. | |
| Options Kit Contents | HP Retail Integrated Barcode Scanner, HP Point of Sale System Software and Documentation CL Drivers for the HP Retail Integrated Barcode Scanner are on www.hp.com , listed under the RP7 I 7100, RP7 model 7800, HP L6015tm monitor, and HP L6017tm monitors. | |



Technical Specifications

| HP Retail Integrated 7-in F7A92AA | nch CFD | |
|--------------------------------------|---|---|
| General | Display Type | LCD, backlit LED |
| | Resolution | 1024x600 (fixed) |
| | Dot Pitch | 0.05(W) × 0.15(H) mm |
| | Active area | 153.6(W) × 90.0(H) mm |
| | Contrast ratio | 700:1 (max) |
| | Brightness | 250 cd/m ² |
| | Response rate | Response rate 30ms (rise+fall time) |
| | Viewing Angle (of LCD Panel) | Left: 75°, Right: 75°, Top: 70°, Bottom: 75° |
| | Color Gamut | 70% (CIE 1931 Standard NTSC) |
| Mechanical | Dimensions (WxDxH) | 185 x 53.5 x 125 (mm) |
| | Weight | 0.69KG (CFD only) |
| | Adjustability | Tilt Range of Motion - 293° |
| | Color | HP Black |
| Interface/Connection | Interface | USB (mounted to the top display USB port only) |
| Power | Operating Voltage | 5V |
| | Full Load Current | 2.5W(DC +5V , 500mA) |
| | Idle Current | 0.64W (DC+5V , 128mA) |
| Temperature Range | Operating | 50° to 104° F (10 to 40° C) at 20% to 85% humidity (non-condensing at ambient) |
| | Non-operating | -22° to 149° F (-30° to 65° C) at 5% to 90% humidity (non-condensing at ambient) |
| Drivers | Windows | |
| Operating System Compatibility | Windows Windows Industry 8/8.1 32 and 64 bit Windows 8/8.1 Professional 32bit & 64bit Windows 7 Professional 32 and 64-bit Windows Embedded POSReady 7 32 and 64-bit Windows Embedded POSReady 2009 Windows XP Professional | |
| | | |
| Option kit contents | HP Retail Integrated 7-inc | h CFD, HP Point of Sale System Software and Documentation CD |



Technical Specifications

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¹Internet access, sold separately, is required for transmission of still images and video over a network. ²HP does not support the use of any other standard USB device beyond the HP Retail Integrated Fingerprint Reader (QZ672AA), HP Retail Integrated Dual-Head MSR (QZ673AA), HP Retail Integrated Webcam (QZ700AA) and HP Integrated Barcode Scanner (E1L07AA).

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