

### Overview

<b>HP Retail Peripherals</b>	
<b>DISPLAYS</b>	
<b>HP Retail RP7 10.4" LCD Customer Display (QZ702AA)</b>	<b>HP Retail Integrated 7-inch CFD (Front) (F7A92AA)</b>
<b>HP Retail Integrated 2x20 Display – Complex (G7G29AA)</b> <b>HP Retail Integrated 2x20 Display – Non-Complex (G6U79AA)</b>	<b>HP Retail RP7 VFD Customer Display (QZ701AA)</b>
<b>HP RP9 Integrated 7-inch Non-Touch Customer Facing Display (Top mount w/arm - P5A56AA)</b>	<b>HP RP9 Integrated 2x20 Display - Top w/Arm (P5A55AA)</b>

### Overview

<p><b>HP Retail Integrated Display 2x20 without Arm (X3K01AA)</b></p>	

### BARCODE SCANNERS

<p><b>HP Retail Integrated Barcode Scanner (E1L07AA)</b></p>	<p><b>HP RP9 Integrated Side Barcode Scanner (N3R61AA)</b></p>
<p><b>HP RP9 Integrated Barcode Scanner – Bottom (N3R60AA)</b></p>	

### Overview

<b>MAGNETIC STRIPE READERS</b>	
<p><b>HP Retail Integrated Dual-Head Magnetic Stripe Reader MSR (QZ673AA)</b></p>	<p><b>HP RP2 Retail Integrated MSR w/o SRED* (J1A33AA)</b></p>
<p><b>HP RP9 Integrated Single-Head MSR (N3R63AA)</b></p>	<p><b>HP RP7 Retail Integrated Single-Head MSR (K1K15AA)</b></p>
<p><b>HP RP9 Integrated Dual-Head MSR (Y3U27AA)</b></p>	

### Overview

<b>FINGERPRINT READERS</b>	
	
<b>HP Retail Integrated Fingerprint Reader (QZ672AA)</b>	<b>HP RP9 Integrated Fingerprint Reader (N3R64AA)</b>
<b>WEBCAMS</b>	
	
<b>HP Retail Integrated Webcam (QZ700AA)</b>	

### Overview

<b>STANDS</b>	
	
<p align="center"><b>HP Retail RP7 Value Stand (E5E14AA)</b></p>	<p align="center"><b>HP Retail RP7 Adjustable Stand - (QZ703AA)</b></p>
	
<p align="center"><b>HP Retail RP2 Stand (K1C13AA)</b></p>	<p align="center"><b>HP RP9 Retail Ergonomic Stand (P0Q87AA)</b></p>
	
<p align="center"><b>HP RP9 Retail Compact Stand (P0Q88AA)</b></p>	<p align="center"><b>HP Retail Monitor Stand for L7010t, L7014, and L7014t (T6N33AA)</b></p>
	
<p align="center"><b>HP Retail Monitor Stand for L7016t (W0Q45AA)</b></p>	

### Overview

#### Models

#### Part Number

HP Retail RP7 10.4" LCD Customer Display	QZ702AA
HP Retail Integrated 7-inch Customer Facing Display	F7A92AA
HP Retail Integrated 2x20 Display – Complex	G7G29AA
HP Retail Integrated 2x20 Display – Non-Complex	G6U79AA
HP Retail Integrated 2x20 Display w/o Arm	X3K01AA
HP Retail RP7 VFD Customer Display	QZ701AA
HP Retail Integrated Barcode Scanner	E1L07AA
HP RP9 Integrated Side Barcode Scanner	N3R61AA
HP Retail Integrated Dual-Head MSR	QZ673AA
HP RP7 Retail Integrated MSR w/o SRED	K1K15AA
HP RP2 Retail Integrated MSR w/o SRED	J1A33AA
HP RP9 Integrated Single-Head MSR	N3R63AA
HP RP9 Integrated Dual-Head MSR	Y3U27AA
HP Retail Integrated Fingerprint Reader	QZ672AA
HP RP9 Integrated Fingerprint Reader	N3R64AA
HP Retail Integrated Webcam	QZ700AA
HP Retail RP7 Value Stand	E5E14AA
HP Retail RP7 Adjustable Stand	QZ703AA
HP RP2 Retail Stand	K1C13AA
HP RP9 Retail Ergonomic Stand	P0Q87AA
HP RP9 Retail Compact Stand	P0Q88AA
HP Retail Monitor Stand for L7016t	W0Q45AA
HP Retail Monitor for L7010t, L7014, and L7014t	T6N33AA

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### Introduction

The following HP Retail Integrated Peripherals (all sold separately) are designed to complement HP's All-in-One Retail Systems and some models of HP Retail 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 devices in the four ports around the HP Retail Monitors beyond those listed in this document.

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### Overview

## Key Features and Benefits

### HP Retail RP7 10.4" LCD Customer Display (QZ702AA)

- Small size and VESA mount capability make it an ideal for sharing engaging video and graphical content at the point-of-sale.
- Chemically-strengthened flush-glass design is durable and easy-to-clean. Helps provide protection from dust and spilled liquids, and creates a modernized appearance.
- White LED industrial panels deliver improved brightness, a high contrast ratio, extended product life, and are energy efficient.
- Features a 75-mm VESA pattern that delivers mounting flexibility in space-constrained environments.

### 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.

### HP Retail Integrated 2x20 Display (With arm, Complex - G7G29AA/Non-Complex - G6U79AA), (Without Arm, X3K01AA)

- Simply connect the display to an HP L6015tm or L6017tm display, or HP RP2 Retail System through the USB bezel connector that powers the CFD and eliminates the need for additional cabling.
- Deliver easily readable pricing, product, and order information to your customers on a crisp, clear LCD customer-facing display.
- Edge-to-edge, bezel-less design that is easy to clean, resistant to dust, and creates a sleek, modern appearance.

### HP Retail RP7 VFD Customer Display (QZ701AA)

- Vacuum Fluorescent Display with 20 columns and 2 lines.
- Wide range of adjustability includes height, tilt and rotation for flexible positioning and maximum readability.
- Connects via standard 12V PUSB.

### 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.

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#### HP RP9 Integrated Barcode Scanner\* (Left - N3R61AA)

- Speed checkouts and quickly and accurately read 1D and 2D barcodes, including driver's licenses and codes from mobile device screens.
- Save space and minimize cabling by connecting the display to the top or bottom bezel USB port of the HP RP9 Retail System, which powers the accessory and eliminates the need for cabling.
- Position as needed with the adjustable swivel to get the best barcode read.

\*Availability March 2016

#### 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 RP7 Retail Integrated MSR w/o SRED (K1K15AA)

- Maximize available space with the compact HP Retail Integrated Single-Head MSR, which plugs into your retail solution to accept credit cards (select regions), gift cards, and employee ID cards or loyalty cards.<sup>1</sup>
- Help support secure transactions with industry-standard, hardware-enabled Triple DES and AES encryption.

1. Internet access required and sold separately.

#### HP RP2 Retail Integrated MSR w/o SRED\* (J1A33AA)

- Maximize available space with the compact HP Retail Integrated Single-Head MSR, which plugs into your retail solution to accept credit cards (select regions), gift cards, and employee ID cards or loyalty cards.
- Simply connect the MSR to one of the bezels on an HP L6015tm or L6017tm display, or an HP RP2 Retail System, through a USB connector that also powers the MSR and eliminates the need for additional cabling.
- Help support secure transactions with industry-standard, hardware-enabled Triple DES and AES encryption and DUKPT key management.

#### HP RP9 Integrated Single-Head MSR (Left - N3R63AA)

- Accepts credit cards (select regions), gift cards, employee ID cards or loyalty cards<sup>1</sup>.
- Save space and minimize cabling by connecting the display to the top or bottom bezel USB port of the HP RP9 Retail System, which powers the accessory and eliminates the need for cabling.
- Support secure transactions with industry-standard, hardware-enabled Triple DES and AES encryption and DUKPT key management.
- Enjoy an easy bi-directional swipe and confirm a successful card read with audible and LED read indicators.

1. Internet access required and sold separately.

#### HP RP9 Integrated Dual-Head MSR (Left - Y3U27AA)

- Accepts credit cards (select regions), gift cards, employee ID cards or loyalty cards<sup>1</sup>.
- Simply connect the MSR to one of the bezel USB ports on your HP RP9 Retail System.
- Support secure transactions with industry-standard, hardware-enabled Triple DES and AES encryption and DUKPT key management.
- Enjoy an easy bi-directional swipe and confirm a successful card read with audible and LED read indicators.



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1. Internet access required and sold separately.

#### **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 RP9 Integrated Fingerprint Reader (Right - N3R64AA)**

- Enables secure employee log in protocols for opening the cash drawer or authorizing special transactions.
- Save space and minimize cabling by connecting the display to the top or bottom bezel USB port of the HP RP9 Retail System, which powers the accessory and eliminates the need for cabling.
- Get confirmation of a successful read from the visual good read indicator.

#### **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 RP7 Value Stand (E5E14AA)**

- A budget-friendly stand that's ideal for tight spaces. The single-hinge fixed height design delivers -5° to +30° adjustable tilt range for easy positioning.
- With a smaller footprint than the performance stand, it fits easily into small work environments such as kiosks, corners, and tight hospitality countertops and sits neatly on top of HP RPOS Cash Drawers.
- A printer and keyboard can be positioned on the stand along with the HP RP7 for a tidy solution that maximizes the available space.

#### **HP Retail RP7 Adjustable Stand (QZ703AA)**

- Stand can be pre-configured with the HP RP7 Retail System or purchased and installed separately.
- The stand connects to the terminal through an industry-standard 100mm VESA pattern and conceals the sealed power supply for the RP7.
- The dual-hinge mechanism allows for a broad range of user adjustability and allows the terminal to be used in an upright or a low-profile, reclining position.
- The built-in cable-management features provide for a clean terminal installation and bolt-down capabilities allow the terminal to be secured to the counter.

#### **HP RP2 Retail Stand (K1C13AA)**

- The RP2 retail stand with a dual – hinge design is compact and can be used in tight spaces. The stand provides flexibility and adjustability and allows for maximum counter space.

#### **HP RP9 Retail Ergonomic Stand (P0Q87AA)**

- Dual Hinge mechanism
- Quick release mechanism for tool-less removal
- Bolt down capabilities in order to secure to a counter
- Concealed power supply
- Industry standard 100mm VESA pattern

### Overview

#### **HP RP9 Retail Compact Stand (POQ88AA)**

- Industry standard 100mm VESA pattern
- Single hinge mechanism
- External power supply
- Quick release mechanism for tool-less removal
- Bolt down capabilities in order to secure to a counter

#### **HP Retail Monitor Stand for L7016t (WOQ45AA)**

#### **HP Retail Monitor for L7010t, L7014, and L7014t (T6N33AA)**

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### **Compatibility**

The HP Retail Integrated Peripherals are compatible with either the HP RP9, RP7 and RP2 Retail Systems, as well as, the HP L6015tm, L6017tm Touch Monitors, and the HP 10, 14 and 16-in Retail Touch Monitors.

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### **Service and Support**

Your HP Peripheral Limited Warranty is a three (3) year limited warranty with advance exchange when purchased from HP. Additional HP Care Pack Services options are available to extend warranty coverage.

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### Technical Specifications

#### HP Retail RP7 10.4" LCD Customer Display (QZ702AA)

**Compatible with:** HP RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor

<b>Panel</b>	<b>Type</b>	10.4-inch TN (Twisted Nematic) LED Backlit LCD
	<b>Viewable Image Area</b> (diagonal)	<b>26.4 cm</b> (10.4 in)
	<b>Aspect Ratio</b>	4:3
	<b>Viewing Angle</b> (typ)*	176 degrees horizontal/176 degrees vertical (10:1 minimum contrast ratio)
	<b>Response Rate</b>	25 ms (typical)
	<b>Brightness</b> (typ)*	300 nits (cd/m <sup>2</sup> )
	<b>Contrast Ratio</b> (typ)*	1000:1
	<b>Pixel Pitch</b>	0.206 mm
	<b>Color Gamut</b>	57%

\*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<b>On Screen Display (OSD) Controls</b>	<b>Buttons or Switches</b>	Menu, Minus, Plus, OK, Power
	<b>Languages</b>	English, French, German, Italian, Dutch, Spanish, Japanese, Portuguese, Traditional Chinese, and Simplified Chinese.
	<b>User Controls</b>	Brightness Contrast Color Temperature Image Control OSD Control Management Language Information Factory Reset Source Control Exit

<b>Signal Interface/ Performance</b>	<b>Horizontal Frequency</b>	24 to 83 kHz
	<b>Vertical Frequency</b>	50 to 76 Hz
	<b>Graphics Controller</b>	VESA standard timings/formats supported
	<b>Native Resolution</b>	1024 x 768 @ 60 Hz (recommended)
	<b>Preset VESA Graphic Modes</b> (non-interlaced)	1024 x 768 @ 60 Hz 800 x 600 @ 60 Hz 720 x 400 @ 70 Hz 640 x 480 @ 60 Hz
	<b>Maximum Pixel Clock Speed</b>	140 MHz
	<b>User Programmable Modes</b>	Yes, 10
	<b>Anti-Glare</b>	Yes
	<b>Anti-Static</b>	Yes
	<b>Default Color Temperature</b>	Standard (6500K)
<b>Video/Other Inputs</b>	<b>Plug and Play</b>	Yes

### Technical Specifications

	<b>Input Signal</b>	(1) VGA; (1) DisplayPort and (1) DVI-D <b>Note:</b> HDCP supported on digital inputs.
	<b>Input Impedance</b>	75 ohms (2 % value change allowed)
	<b>Sync Input</b>	TTL separate synch
	<b>Video Cables</b>	(1) VGA; (1) Thunderbolt™, and (1) DVI-D included
	<b>Video Cable Length</b>	<b>1,8 m</b> (5.9 ft.)
	<b>USB 2.0</b>	(1) USB 2.0 downstream; (1) USB upstream; (1) USB cable included
	<b>USB Cable Length</b>	1,8 m (5.9 ft.)
<b>Audio</b>	<b>Speakers and I/O</b>	(2) 1W/channel built-in speakers (rear firing); (1) Audio-in; (1) audio cable included
	<b>Audio Cable Length</b>	1,8 m (5.9 ft.)
<b>Power</b>	<b>Input Voltage</b>	90 to 264 VAC
	<b>Frequency</b>	50/60 Hz
	<b>Typical Power Consumption</b>	11 W
	<b>Maximum</b>	18 W
	<b>Sleep</b>	1 W
	<b>Off</b>	0.5 W
	<b>Power Cable Length</b>	<b>1,9 m</b> (6.2 ft.); detachable
<b>Mechanical</b>	<b>Dimensions (W x D x H)</b>	<b>Unpacked w/stand</b> <b>25,4 x 16,8 x 30,5 cm</b> (10 x 6.6 x 12 in)
		<b>Display Head only</b> <b>25,4 x 4,1 x 20,8 cm</b> (10 x 1.6 x 8.2 in)
		<b>Packaged</b> <b>36,2 x 15,6 x 28 cm</b> (14.3 x 6.1 x 11 in)
	<b>Weight</b>	<b>Unpacked</b> <b>1,2 kg</b> (2.6 lb )
		<b>Unpacked (with stand – sold separately)</b> <b>2,2 kg</b> (4.8 lb)
		<b>Packaged</b> <b>4 kg</b> (8.8 lb)
<b>Environmental</b>	<b>Temperature – Operating</b>	<b>5° to 40° C</b> (41° to 104° F) non-condensing
	<b>Temperature – Non-operating</b>	<b>-20° to 60° C</b> (-4° to 140° F) non-condensing
	<b>Humidity – Operating</b>	20% to 80% non-condensing
	<b>Humidity – Non-operating</b>	5 % to 95 % non-condensing

### Technical Specifications

#### HP Retail Integrated 7-inch CFD (F7A92AA)

<b>Compatible with:</b>	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>Display Type</b>	LCD, backlit LED
	<b>Resolution</b>	1024x600 (fixed)
	<b>Dot Pitch</b>	0.05(W) × 0.15(H) mm
	<b>Active area</b>	153.6(W) × 90.0(H) mm
	<b>Contrast ratio</b>	700:1 (max)
	<b>Brightness</b>	250 cd/m <sup>2</sup>
	<b>Response rate</b>	Response rate 30ms (rise+fall time)
	<b>Viewing Angle (of LCD Panel)</b>	Left: 75°, Right: 75°, Top: 70°, Bottom: 75°
	<b>Color Gamut</b>	70% (CIE 1931 Standard NTSC)
<b>Mechanical</b>	<b>Dimensions (WxDxH)</b>	185 x 53.5 x 125 (mm)
	<b>Weight</b>	0.69KG (CFD only)
	<b>Adjustability</b>	Tilt Range of Motion - 293°
	<b>Color</b>	HP Black
<b>Interface/Connection</b>	<b>Interface</b>	USB (mounted to the top display USB port only)
<b>Power</b>	<b>Operating Voltage</b>	5V
	<b>Full Load Current</b>	2.5W (DC +5V , 500mA )
	<b>Idle Current</b>	0.64W (DC+5V , 128mA )
<b>Temperature Range</b>	<b>Operating</b>	50° to 104° F (10 to 40° C) at 20% to 85% humidity (non-condensing at ambient)
	<b>Non-operating</b>	-22° to 149° F (-30° to 65° C) at 5% to 90% humidity (non-condensing at ambient)
<b>Drivers</b>	Windows®	

### Technical Specifications

#### HP Retail Integrated 2x20 Display (Complex - G7G29AA/ Non-complex - G6U79AA)

**Compatible with:** HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor

<b>General</b>	<b>Display Type</b>	LCD, backlit LED
	<b>Brightness</b>	370 cd/m2
	<b>Character number</b>	Non Complex model: 40 (20 columns x 2 lines) Complex model: 96 x 360 dots (20 columns x 2 lines)
	<b>Character font</b>	Non-Complex model: 5x7 dot matrix Complex model 16 x 16 dot matrix
	<b>Character color</b>	Blue
	<b>Dot size (X x Y)</b>	.31mm x .31mm
	<b>Dot pitch (X x Y)</b>	.35mm x .35mm
	<b>Viewing angle`</b>	Max 90 degrees
	<b>Supported character sets</b>	Non-complex model: 850+Euro sign (858) Bosnian (852) Bulgaria (1251) Croatian (852) Czech (1250) Danish (1252) Dutch (1252) English (US) (437) Estonian (1257) Faroese (1252) Finnish (1252) Flemish (1252) French (1252) French-Canadian (863) German (1252) Greek (1253) Hebrew (1255) Hungarian (852) Icelandic (1252) Indonesian (1252) International English (1252) Irish (1252) Italian (1252) Latvian (1257) Lithuanian (1257) Nordic (865) Norwegian (1252) Polish (852) Portuguese (1252) Romanian (852) Slavonic/Russian (866) Slovak (852) Slovene (852) Spanish (1252) Swedish (1252)

### Technical Specifications

Complex display model also supports:

Arabic (1256)  
 Japan (Shift-JIS)  
 Korean (949)  
 Simplified Chinese (936)  
 Thai (874)  
 Traditional Chinese (950)

#### Command modes

Epson  
 UTC/S  
 UTC/P  
 AEDEX  
 AMD788  
 DSP800  
 CD5220  
 EMAX  
 Logic Control  
 LDS540

#### Mechanical

##### Dimensions (LxWxD)

220 x 75 x 40mm (not including the USB attachments bracket)

##### Weight

0.334KG

##### Adjustability

Tilt Range of Motion - 179°

##### Color

HP Black

#### Interface/Connection

##### Interface

USB

#### Power

##### Operating Voltage

5V

##### Full load current

150mA  
 Complex model 240mA

##### Idle current

140mA  
 Complex model 230mA

#### 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®

### Technical Specifications

#### HP Retail Integrated 2x20 Display w/o Arm (X3K01AA)

<b>Display type</b>	LCD, LED Backlit	
<b>Brightness</b>	250 nit	
<b>Character Number</b>	2x20	
<b>Viewing Direction</b>	12 O'Clock	
<b>Viewing Area (L x W)</b>	14.48 x 2.24 cm	
<b>Active Area (L x W)</b>	14.27 x 1.98 cm	
<b>Dimensions (L x W x H)</b>	<b>cm</b>	21.75 x 6.00 x 3.93 cm
	<b>Inches</b>	8.56 x 2.36 x 1.55 in
<b>Temperature Range</b>	<b>Operating:</b>	32° to 104° F (0 to 40° C) at 20% to 85% humidity (non-condensing at ambient)
	<b>Non-operating:</b>	32° to 122° F (0° to 50° C) at 5% to 90% humidity (non-condensing at ambient)
<b>Adjustability</b>	None	
<b>Weight</b>	top mount arm at 245g, and 400g with packaging	
<b>Interface</b>	USB	
<b>Power</b>	<b>Operating voltage</b>	+5VDC
	<b>Idle current</b>	230mA
	<b>Full Load Current</b>	300mA
<b>Drivers</b>	Windows® Native	
<b>Compatibility</b>	<b>Product</b>	HP RP9 G1 Retail System

\* Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>

\*\* Not all features are available in all editions of Windows. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows functionality. See <http://www.microsoft.com>.

#### HP RP7 2-Line (2x20) VFD Customer Display (QZ701AA)

<b>Compatible with:</b>	HP RP7 Retail Systems
<b>Display Type</b>	Vacuum Fluorescent Display, Blue Green
<b>Brightness</b>	350 - 700 cd/m <sup>2</sup>
<b>Character Number</b>	2 x 20
<b>Character Support</b>	Complex Characters and Graphics
<b>Character Font</b>	20 x 2 for 16 x 16 font
	10 x 1 for 32 x 32 font
	320 x 32 for graphics
<b>Character Size</b>	5.5(W) x 10.5(H) mm
<b>Emulation Modes</b>	ICD-2002, EPSON POS D101, Aedex, UTC/S, UTC/P, ADM788, DSP800, CD5220
<b>Supported Code Pages</b>	Bosnian (852)
	Croatian (852)
	Czech (1252)
	Danish (1252)
	Dutch (1252)



### Technical Specifications

English (US) (437)  
 Estonian (1257)  
 Faroese (1252)  
 Finnish (1252)  
 Flemish (1252)  
 French (1252)  
 German (1252)  
 Greek (1253)  
 Hebrew (1255)  
 Hungarian (852)  
 Icelandic (1252)  
 Indonesian (1252)  
 International English (1252)  
 Italian (1252)  
 Japanese (Shift-JIS)  
 Latvian (1257)  
 Lithuanian (1257)  
 Norwegian (865)  
 Polish (852)  
 Slavonic/Russian (866)  
 Slovak (852)  
 Slovene (852)  
 Spanish (1252)  
 Swedish (1252)  
 Thai (874)

<b>Horizontal Rotation</b>	180°
<b>Height Adjustment</b>	(through two included pole extension options)
<b>Tilt Adjustment</b>	-5° to 60°
<b>Interface/Connection</b>	USB+PWR 12V (connects to the RP7 I/O panel)
<b>Mechanical Dimensions (LxWxH)</b>	226 x 40.05 x 72 mm
<b>Power Voltage (typical)</b>	12V nominal
<b>Drivers</b>	OPOS, JPOS

### HP Retail Integrated Barcode Scanner (E1L07AA)

<b>Compatible with:</b>	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>Indicators</b>	Audible and visual read indicators
	<b>Scan direction</b>	Omni-directional
<b>Symbologies</b>	<b>1D / Linear Codes</b>	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
	<b>2D Codes</b>	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code
	<b>Postal codes</b>	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
	<b>Stacked codes</b>	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirect

### Technical Specifications

<b>Depth of field</b>	<b>Code 39: 5 mils</b>	4.7 to 17.7 cm (1.8 to 7.0 in)
	<b>Code 39: 10 mils</b>	1.7 to 33.2 cm (0.7 to 13.1 in)
	<b>Data Matrix: 10 mils</b>	2.7 to 17.1 cm (1.0 to 6.7 in)
	<b>Data Matrix: 15 mils</b>	1.2 to 24.6 cm (0.5 to 9.7 in)
	<b>EAN: 13 mils</b>	2.5 to 41.9 cm (1.0 to 16.5 in)
	<b>PDF417: 10 mils</b>	2.2 to 23.9 cm (0.9 to 9.4 in)
	<b>QR Code: 10 mils</b>	3.5 to 16.0 cm (1.4 to 6.3 in)
<b>Mechanical</b>	<b>Dimensions (LxWxH)</b>	4.63 x 3.94 x 2.09 in
	<b>Weight</b>	6.1 ounces (172g) (approximately)
	<b>Adjustability</b>	±120°(side to side), ±1.5° +90°/-5°(down/up), ±1.5°
<b>Interface/ Connection</b>	<b>Color</b>	HP Black
	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage (typical)</b>	5.0V +/- 5% supplied by USB
	<b>Current consumption (typical)</b>	<180mA
<b>Drivers</b>	Windows® Native, OPOS, JPOS	

\*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>.

### Technical Specifications

#### HP RP9 Integrated Side Barcode Scanner\* (N3R61AA)

<b>Compatible with:</b>	HP RP9 Retail System
<b>General</b>	<p><b>Indicators</b> Audible and visual read indicators</p> <p><b>Scan direction</b> Omni-directional</p>
<b>Symbologies</b>	<p><b>1D / Linear Codes</b> Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.</p> <p><b>2D Codes</b> Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code</p> <p><b>Postal codes</b> Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)</p> <p><b>Stacked codes</b> EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirect</p>
<b>Depth of field</b>	<p><b>Code 39: 5 mils</b> 4.7 to 17.7 cm (1.8 to 7.0 in)</p> <p><b>Code 39: 20 mils</b> 1.7 to 33.2 cm (0.7 to 13.1 in)</p> <p><b>Data Matrix: 15 mils</b> 1.2 to 24.6 cm (0.5 to 9.7 in)</p> <p><b>EAN: 13 mils</b> 2.5 to 41.9 cm (1.0 to 16.5 in)</p>
<b>Mechanical</b>	<p><b>Dimensions (LxWxH)</b> 4.63 x 3.94 x 2.09 in</p> <p><b>Weight</b> 6.1 ounces (172g) (approximately)</p> <p><b>Adjustability</b> ±120°(side to side), ±1.5° +90°/-5°(down/up), ±1.5°</p> <p><b>Color</b> HP Black</p>
<b>Interface/ Connection</b>	<p><b>Interface</b> USB 2.0</p> <p><b>Connection</b> Type A</p>
<b>Power</b>	<p><b>Voltage (typical)</b> 5.0V +/- 5% supplied by USB</p> <p><b>Current consumption (typical)</b> &lt;180mA</p>
<b>Drivers</b>	Windows® Native, OPOS, JPOS

### Technical Specifications

#### HP RP7 Retail Integrated MSR w/o SRED (K1K15AA)

<b>Compatible with:</b>	HP RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>Magnetic stripe formats</b>	ISO 7811, AAMVA
	<b>Card thickness</b>	0.38 to 1.14 mm (0.015 to 0.045 in)
	<b>Indicators</b>	Colored LED, beeper
<b>Mechanical</b>	<b>Dimensions (LxWxH)</b>	63.5 x 43.18 x 99.06 mm (2.5 x 1.7 x 3.9 in)
	<b>Weight</b>	0.087kg (0.19lb)
	<b>Slot width</b>	1.143 mm (0.045 in)
	<b>Color</b>	HP Carbonite
<b>Interface/Connection</b>	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage (typical)</b>	5 VDC +/- 10%, 50mV ripple max
	<b>Current consumption (typical)</b>	40mA max
<b>Drivers</b>	Windows® native, OPOS, JPOS	
<b>Reliability</b>	1,000,000 card swipes minimum	
<b>Agency Certifications</b>	FCC Class A, UL, CE, CISPR22, VCCI, WEEE, WHQL, USB-IF, RoHS	

### Technical Specifications

#### HP RP2 Retail Integrated MSR w/o SRED\* (J1A33AA)

<b>Compatible with:</b>	HP RP2 Retail System, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>Magnetic stripe formats</b>	ISO 7811, AAMVA
	<b>Card thickness</b>	0.38 to 1.14 mm (0.015 to 0.045 in)
	<b>Indicators</b>	Bi-Colored LED, beeper
<b>Mechanical</b>	<b>Dimensions (LxWxH)</b>	63.5 x 43.18 x 99.06 mm (2.5 x 1.7 x 3.9 in)
	<b>Weight</b>	0.087kg (0.19lb)
	<b>Slot width</b>	1.143 mm (0.045 in)
	<b>Color</b>	HP Black
<b>Interface/Connection</b>	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage (typical)</b>	5 VDC +/- 10%, 50mV ripple max
	<b>Current consumption (typical)</b>	40mA max
<b>Drivers</b>	Windows® native, OPOS, JPOS	
<b>Reliability</b>	1,000,000 card swipes minimum	
<b>Agency Certifications</b>	FCC Class A, UL, CE, CISPR22, VCCI, WEEE, WHQL, USB-IF, RoHS	

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### Technical Specifications

#### HP RP9 Integrated Single-Head MSR (N3R63AA)

<b>Models</b>	<b>HP RP9 Integrated Single-Head MSR</b>	N3R63AA
<b>General</b>	<b>Magnetic stripe formats</b>	ISO 7811, AAMVA
	<b>Card thickness</b>	0.015 to 0.045 in (0.38 to 1.14 mm)
<b>Mechanical</b>	<b>Indicators</b>	Bi-Colored LED, beeper
	<b>Dimensions (LxWxH)</b>	129x70.74x36.52 (mm)
	<b>Weight</b>	112.0g
	<b>Slot width</b>	0.045 in (1.14 mm)
<b>Interface/Connection</b>	<b>Color</b>	HP Black
	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage (typical)</b>	5 VDC +/- 10%, 50mV ripple max
	<b>Current consumption (typical)</b>	40mA max
<b>Drivers</b>		Windows® native, OPOS, JPOS

#### HP RP9 Integrated Dual-Head MSR (Y3U27AA)

<b>Models</b>	<b>HP RP9 Integrated Dual-Head MSR</b>	Y3U27AA / Y5H53AV (Left)
<b>General</b>	<b>Magnetic stripe formats</b>	ISO 7811, AAMVA
	<b>Card thickness</b>	0.015 to 0.045 in (0.38 to 1.14 mm)
<b>Mechanical</b>	<b>Indicators</b>	Bi-Colored LED, beeper
	<b>Dimensions (LxWxH)</b>	152.61 x 39.49 x 39.91 (mm)
	<b>Weight</b>	187g
	<b>Slot width</b>	0.045 in (1.14 mm)
<b>Interface/Connection</b>	<b>Color</b>	HP Black
	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage (typical)</b>	5 VDC +/- 10%, 50mV ripple max
	<b>Current consumption (typical)</b>	40mA max
<b>Drivers</b>		Windows native, OPOS, JPOS

### Technical Specifications

#### HP Retail Integrated Fingerprint Reader (QZ672AA)

<b>Compatible with:</b>	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>Scan Data</b>	8-bit grayscale (256 levels of gray)
	<b>Pixel resolution</b>	512 dpi (average x,y over the scan area)
<b>Mechanical</b>	<b>Scan capture area</b>	14.6 mm (nom. width at center) 18.1 mm (nom. length)
	<b>Dimensions (LxWxH)</b>	3.94in x 3.06in x 1.34in (99.98mm x 77.8mm x 34mm)
	<b>Weight</b>	x 1.34in (99.98mm x 77.8mm x 34mm) Weight
<b>Interface/ Connection</b>	<b>Color</b>	HP Black
	<b>Interface</b>	USB 2.0
<b>Power</b>	<b>Supply Voltage</b>	5.0V ±5% supplied by USB
	<b>Supply Current scanning</b>	< 100 mA (Typical)
	<b>Supply Current idle mode 1</b>	20 mA (Typical)
	<b>Supply Current—suspend mode</b>	< 0.5 mA (Maximum)
<b>Environmental</b>	<b>Temperature</b>	Operating 0 - 40 C
	<b>Humidity</b>	Operating 20% - 80% non-condensing
<b>Drivers</b>	Windows® Native	

#### HP RP9 Retail Integrated Fingerprint Reader (N3R64AA)

<b>Compatible with:</b>	HP RP9 Retail System	
<b>General</b>	<b>Scan Data</b>	8-bit grayscale (256 levels of gray)
	<b>Pixel resolution</b>	508 dpi
<b>Mechanical</b>	<b>Scan capture area</b>	18mm x 12.80mm
	<b>Dimensions (LxWxH)</b>	59x63.23x37.43 (mm)
	<b>Weight</b>	44.8g
<b>Interface/ Connection</b>	<b>Color</b>	HP Black
	<b>Interface</b>	USB 2.0
<b>Power</b>	<b>Supply Voltage</b>	5.0V ±5% supplied by USB
	<b>Supply Current Imaging Mode</b>	80 mA @ 3.3V
	<b>Supply Current Sleep Mode</b>	1350 uA @ 3.3V
<b>Environmental</b>	<b>Temperature</b>	- 20 C to + 70 C
	<b>Humidity</b>	5% to 93% RH w/o condensation
<b>Drivers</b>	Windows® Native	

### Technical Specifications

#### HP Retail Integrated Webcam (QZ700AA)<sup>1</sup>

<b>Compatible with:</b>	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
<b>General</b>	<b>CMOS Sensor</b>	OV9726
	<b>Resolution</b>	HD: 1280x720
	<b>Image Control</b>	Automatic Exposure, Automatic White Balance, Automatic Gain
	<b>Field of View</b>	74.9°
	<b>Focus Distance</b>	19.69 in (500 mm)
	<b>Focus Range</b>	20.5cm ~ infinity
	<b>Microphone</b>	Yes (2, Stereo)
<b>Mechanical</b>	<b>Dimensions (LxWxH)</b>	3.94in x 1.77in x 1.34in (100mm x 44.9mm x 34mm)
	<b>Weight</b>	2.05 oz (58g)
	<b>Color</b>	HP Black
<b>Interface/ Connection</b>	<b>Interface</b>	USB 2.0
<b>Power</b>	<b>Voltage (typical)</b>	3.3V (5V to 3.3V conversion board inside Webcam module to make it USB compatible)
	<b>Current consumption (typical)</b>	150mA
<b>Drivers</b>		Windows® Native



### Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
July 2, 2014	From v4 to v5	Changed	Minor changes throughout the QuickSpec
December 17, 2014	From v5 to v6	Added	All available components for RP2 and RP7 were added: HP Retail RP7 10.4" LCD Customer Display, HP Retail Integrated 2x20 Display, HP Retail RP7 VFD Customer Display, HP RP7 Retail Integrated MSR w/o SRED, HP Retail RP7 Adjustable Stand, HP Retail RP7 Value Stand, HP RP2 Retail Integrated MSR w/o SRED*, HP Retail RP2 Stand.
		Changed	Line arts switched for photos, Peripherals order.
January, 2016	From v6 to v7	Changed	Added RP9 Retail Integrated Peripherals and HP Retail Touch Monitors.
		Added	New monitors lineup: HP Retail Monitors L7010t, L7014, and L7014t, L7016t; Stands, General cleanup.
July 7, 2016	From v7 to v8	Removed	Integrated from document title.
August 10, 2016	From v8 to v9	Added	2x20 retail integrated display w/o arm features and specs
		Changed	OS compatibility for all peripherals, and Warranty statement
August 15, 2016	From v10 to 11	Added	HP RP9 Integrated Dual-Head MSR

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<sup>1</sup>Internet access, sold separately, is required for transmission of still images and video over a network.

<sup>2</sup>HP 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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