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HP Retail Integrated 2x20 Display – Complex (G7G29AA) **HP Retail Integrated 2x20 Display – Non-Complex (G6U79AA)**	**HP Retail RP7 VFD Customer Display (QZ701AA)**
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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 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

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.

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.[1]
- 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[1].
- 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 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).

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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

HP RP9 Retail Compact Stand (P0Q88AA)

- 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 (W0Q45AA)

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

Overview

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.

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.

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	
Panel	**Type**	10.4-inch TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	**26.4 cm** (10.4 in)
	Aspect Ratio	4:3
	Viewing Angle (typ)*	176 degrees horizontal/176 degrees vertical (10:1 minimum contrast ratio)
	Response Rate	25 ms (typical)
	Brightness (typ)*	300 nits (cd/m²)
	Contrast Ratio (typ)*	1000:1
	Pixel Pitch	0.206 mm
	Color Gamut	57%
	*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.	
On Screen Display (OSD) **Controls**	**Buttons or Switches**	Menu, Minus, Plus, OK, Power
	Languages	English, French, German, Italian, Dutch, Spanish, Japanese, Portuguese, Traditional Chinese, and Simplified Chinese.
	User Controls	Brightness Contrast Color Temperature Image Control OSD Control Management Language Information Factory Reset Source Control Exit
Signal Interface/ Performance	**Horizontal Frequency**	24 to 83 kHz
	Vertical Frequency	50 to 76 Hz
	Graphics Controller	VESA standard timings/formats supported
	Native Resolution	1024 x 768 @ 60 Hz (recommended)
	Preset VESA Graphic Modes (non-interlaced)	1024 x 768 @ 60 Hz
		800 x 600 @ 60 Hz
		720 x 400 @ 70 Hz
		640 x 480 @ 60 Hz
	Maximum Pixel Clock Speed	140 MHz
	User Programmable Modes	Yes, 10
	Anti-Glare	Yes
	Anti-Static	Yes
	Default Color Temperature	Standard (6500K)
Video/Other Inputs	**Plug and Play**	Yes

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

Technical Specifications

HP Retail Integrated 7-inch CFD (F7A92AA)

Compatible with:	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
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/m²
	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®	

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
General	**Display Type**	LCD, backlit LED
	Brightness	370 cd/m2
	Character number	Non Complex model: 40 (20 columns x 2 lines) Complex model: 96 x 360 dots (20 columns x 2 lines)
	Character font	Non-Complex model: 5x7 dot matrix Complex model 16 x 16 dot matrix
	Character color	Blue
	Dot size (X x Y)	.31mm x .31mm
	Dot pitch (X x Y)	.35mm x .35mm
	Viewing angle `	Max 90 degrees
	Supported character sets	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)

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		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 - 179º
	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)

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

Compatible with:	HP RP7 Retail Systems
Display Type	Vacuum Fluorescent Display, Blue Green
Brightness	350 - 700 cd/m²
Character Number	2 x 20
Character Support	Complex Characters and Graphics
Character Font	20 x 2 for 16 x 16 font 10 x 1 for 32 x 32 font 320 x 32 for graphics
Character Size	5.5(W) x 10.5(H) mm
Emulation Modes	ICD-2002, EPSON POS D101, Aedex, UTC/S, UTC/P, ADM788, DSP800, CD5220
Supported Code Pages	Bosnian (852) Croatian (852) Czech (1252)

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Danish (1252)
Dutch (1252)
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)

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

HP Retail Integrated Barcode Scanner (E1L07AA)

Compatible with:	HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor	
General	Indicators	Audible and visual read indictors
	Scan direction	Omni-directional
Symbologies	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)
	Stacked codes	EAN/JAN Composites; GS1 DataBar Composites;GS1 DataBar Expanded Stacked;

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		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	Type A
Power	**Voltage (typical)**	5.0V +/- 5% supplied by USB
	Current consumption (typical)	<180mA
Drivers	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)

Compatible with:		HP RP9 Retail System
General	Indicators	Audible and visual read indictors
	Scan direction	Omni-directional
Symbologies	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)
	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: 20 mils	1.7 to 33.2 cm (0.7 to 13.1 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)
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	Type A
Power	Voltage (typical)	5.0V +/- 5% supplied by USB
	Current consumption (typical)	<180mA
Drivers		Windows® Native, OPOS, JPOS

Technical Specifications

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

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

Technical Specifications

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

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

Technical Specifications

HP RP9 Integrated Single-Head MSR (N3R63AA)

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

Technical Specifications

HP Retail Integrated Fingerprint Reader (QZ672AA)

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

HP RP9 Retail Integrated Fingerprint Reader (N3R64AA)

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

Technical Specifications

HP Retail Integrated Webcam (QZ700AA)[1]

Compatible with:		HP RP2 and RP7 Retail Systems, HP L6015tm 15-inch Retail Touch Monitor, HP L6017tm 17-inch Retail Touch Monitor
General	**CMOS Sensor**	OV9726
	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

QuickSpecs

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 al peripherals, and Warranty statement

[1]Internet access, sold separately, is required for transmission of still images and video over a network.
[2]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).