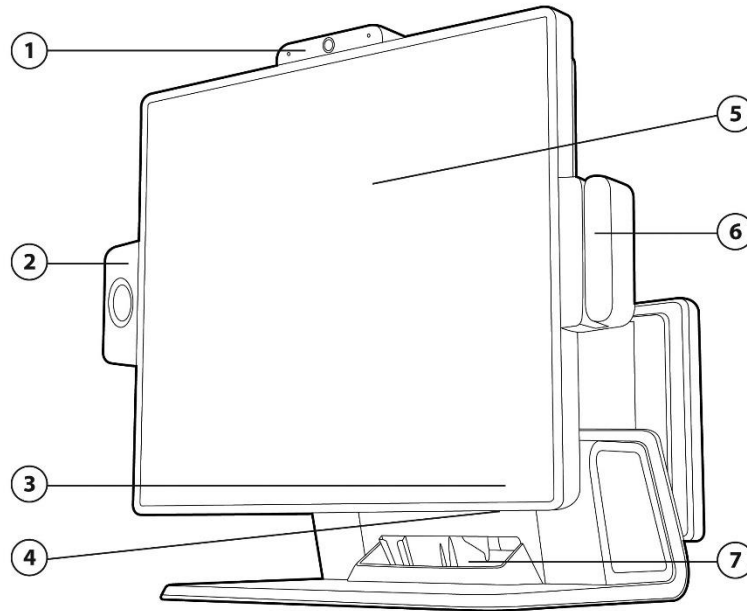


Overview

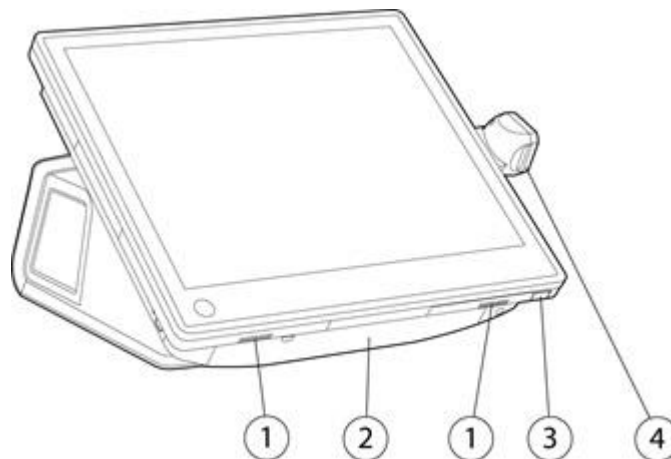
HP RP7 Retail System, Model 7800

FRONT VIEW



- | | |
|---|--|
| 1. Optional HP Retail Integrated Webcam | 5. Touchscreen Assembly |
| 2. Optional HP Retail Integrated Fingerprint Reader | 6. Optional HP Retail Integrated Dual-Head MSR |
| 3. On-screen display LED's | 7. Cable pass-through channel |
| 4. Recessed Power button | |

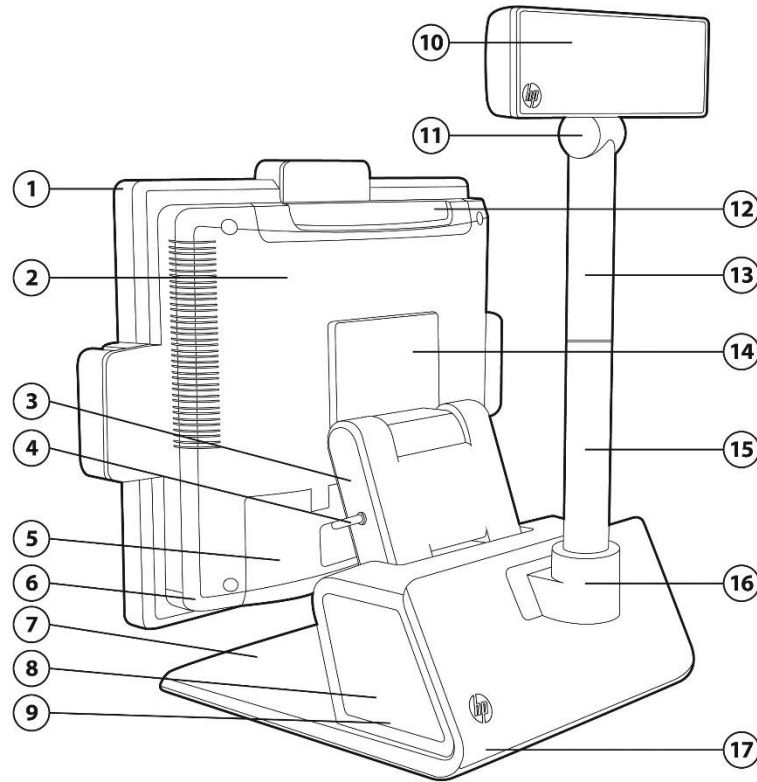
VIEW SHOWING SPEAKERS



1. Speakers
2. I/O Panel Cover
3. Recessed Power Button
4. HP Retail Integrated Barcode Scanner

Overview

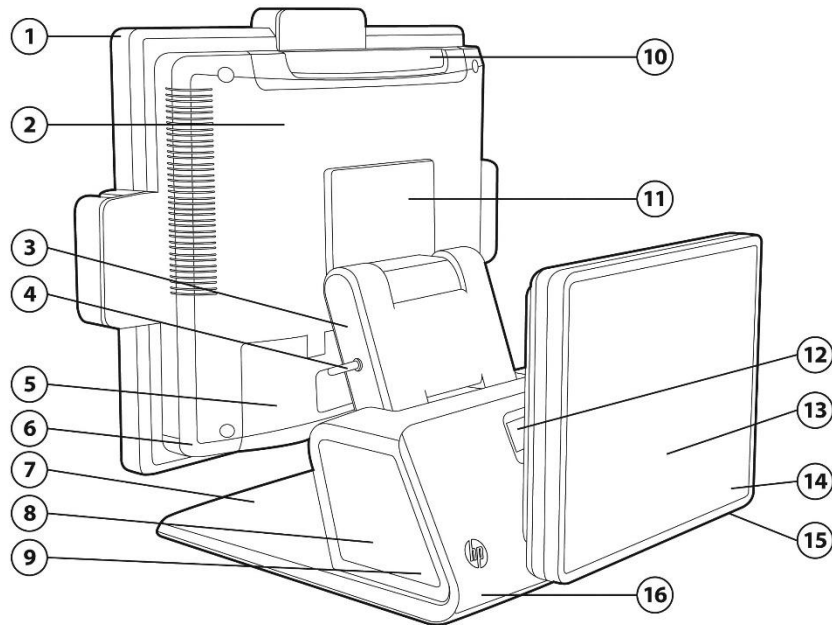
HP RP7 Retail System, Model 7800 REAR VIEW WITH 2-LINE DISPLAY - VFD



- | | |
|---|---------------------------------------|
| 1. Operator display | 10. 2-Line VFD |
| 2. Rear cover | 11. VFD Hinge |
| 3. Dual hinge | 12. Decorative panel |
| 4. Cable-management retainer | 13. VFD Pole (Section 2) |
| 5. I/O Cover | 14. 100mm VESA Mount (Wall Mountable) |
| 6. Kensington lock & padlock loop | 15. VFD Pole (Section 1) |
| 7. Base & keyboard tray | 16. VFD Mount |
| 8. Power supply cover (sealed brick inside) | 17. Decorative panel |
| 9. "Bolt-to-counter" feature | |

Overview

HP RP7 Retail System, Model 7800 REAR VIEW WITH CUSTOMER-FACING DISPLAY



1. Operator display
2. Rear cover
3. Dual hinge
4. Cable-management retainer
5. I/O cover
6. Kensington lock & padlock loop
7. Base & keyboard tray
8. Power supply cover
9. "Bolt-to-counter" feature

10. Decorative panel
11. 100 mm VESA mount (wall mountable)
12. Customer-facing display hinge
13. Customer-facing 10.4" display
14. On-screen display LED's
15. Customer-facing display power button
16. Decorative panel

Overview

At A Glance

- Designed for long-term deployment within retail and hospitality markets
- Choice of operator display:
 - 15" 5-Wire Resistive Touchscreen
 - 15" Flush-Glass, Projected Capacitive Touchscreen
 - 17" Flush-Glass, Projected Capacitive Touchscreen
- Processor choices:
 - Intel® Core™ i5-2400S (2.50 GHz, 4 cores) featuring Intel® vPro™ Technology and Intel® HD Graphics 2000
 - Intel® Core™ i3-2120 (3.30 GHz, 2 cores) with Intel® HD Graphics 2000
 - Intel® Pentium® G850 (2.90 GHz, 2 cores) with Intel® HD Graphics
 - Intel® Celeron® G540 (2.50 GHz, 2 cores) with Intel® HD Graphics
- Operating System choices:
 - Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit (Preinstalled)*
 - Windows Embedded POSReady 7 (32-bit or 64-bit) (Preinstalled)
 - Windows Embedded POSReady 2009 (Preinstalled)
 - FreeDOS 2.0 (Preinstalled)
 - Windows XP Professional Edition (32-bit) (Supported)
 - Novell® SUSE Linux Enterprise Desktop† (Certified)
- Integrated peripheral options (can also be purchased and installed separately):
 - HP Retail Integrated Dual-Head MSR
 - HP Retail Integrated Fingerprint Reader
 - HP Retail Integrated Webcam
 - HP Retail Integrated Barcode Scanner
 - Customer-facing 2 line VFD (Vacuum Fluorescent Display)
 - Customer-facing 10.4" LCD Display
- Industry-standard 100mm VESA mounting pattern allows for flexible use without the optional stand
- 2 DDR3 Memory Slots (16 GB Maximum)
- Gigabit NIC
- Trusted Platform Module (TPM)
- Hard Drive and Solid-State Drive Options
- RAID level 0,1 capable
- Cable Management Features
- ENERGY STAR® qualified, EU Compliant, RoHS2 Compliant
- 87% energy efficient power supply (enclosed in stand)
- HP Limited Warranty, 3/3/3 standard: 3 years parts, 3 years labor, and 3 years on-site services

* This device has been certified for Windows 8 as a Specialized PC (SPC). The SPC certification program allows for the certification of commercial devices designed with industry specific features that conflict with the standard Windows 8 multi-touch certification requirements expected of a touch panel. In this case the RP7800 is designed to support Retail Point of Sale applications which only require single touch (Resistive) or simple multi-touch (Projected Capacitive) features. Please refer to the Display section on pages 6 and 7 for display features.

Standard and Configurable Components

OPERATING SYSTEM

	Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit*
	Windows Embedded POSReady 7 (32-bit or 64-bit)
	Windows Embedded POSReady 2009
	FreeDOS 2.0
Supported	Windows 8 (64-bit) (Supported)
	Windows XP Professional Edition (32-bit)
Certified	Novell SUSE Linux Enterprise Desktop†

* This device has been certified for Windows 8 as a Specialized PC (SPC). The SPC certification program allows for the certification of commercial devices designed with industry specific features that conflict with the standard Windows 8 multi-touch certification requirements expected of a touch panel. In this case the RP7800 is designed to support Retail Point of Sale applications which only require single touch (Resistive) or simple multi-touch (Projected Capacitive) features. Please refer to the Display section on pages 6 and 7 for display features.

† The following features are not supported by Novell SUSE Linux Enterprise Desktop:

- HP ProtectTools (Available with Windows 7 only)
- Power Management features
- Multi-touch capabilities (Projected Capacitive Touch option)

Systems configured with Linux do not qualify for ENERGY STAR

PROCESSORS

Intel® Core™ i5-2400S (2.50 GHz, 6 MB cache, 4 cores) featuring Intel® vPro Technology and Intel® HD Graphics 2000
 Intel® Core™ i3-2120 (3.30 GHz, 3 MB cache, 2 cores) with Intel® HD Graphics 2000
 Intel® Pentium® G850 with Intel® HD Graphics (2.90 GHz, 3 MB cache, 2 cores)
 Intel® Celeron® G540 with Intel® HD Graphics (2.50 GHz, 2 MB cache, 2 cores)

INTEL® VPRO™ TECHNOLOGY

HP RP7 Retail Systems featuring this technology include processors that are part of the Intel® Stable Image Platform Program (SIPP) designed to ensure the stability promise inherent in the value proposition of the HP RP7 Retail System.

Intel Advanced Management Technology (AMT) v7.0 - An advanced set of remote management features and functionality which provides network administrators the latest and most effective tools to remotely discover, heal, and protect networked client systems regardless of the system's health or power state. AMT 7.0 includes the following advanced management functions:

- Power Management (on, off, reset)
- Hardware Inventory (includes BIOS and firmware revisions)
- Hardware Alerting
- Agent Presence
- System Defense Filters
- SOL/IDER
- Cisco NAC/SDN Support
- ME Wake-on-LAN
- DASH 1.1 compliance
- IPv6 Support

Standard and Configurable Components

- Fast Call for Help - a client inside or outside the firewall may initiate a call for help via BIOS screen, periodic connections, or alert triggered connection
- Remote Scheduled Maintenance - pre-schedule when the HP RP7 Retail System connects to the IT or service provider console for maintenance. Remote HP RP7 Retail Systems can get required patches, be inventoried, etc by connecting to their IT console or Service Provider when it's convenient
- Remote Alerts - automatically alert IT or service provider if issues arise
- Access Monitor - Provides oversight into Intel® AMT actions to support security requirements
- Alarm Clock
- Microsoft NAP Support
- Host Base set-up and configuration
- Management Engine (ME) firmware roll back
- Wireless AMT functionality on Point of Sale/Desktop (WoDT)
- Enhanced KVM technology

CHIPSET

Intel® Q67 Express

GRAPHICS

Intel HD Graphics Basic and 2000 (integrated)

OPERATOR DISPLAY

15" Resistive Operator Display

Touch Technology	5-wire Resistive
Resolution	1024 x 768
Aspect Ratio	4:3
Max Color	16.7M
Contrast Ratio	700:1
Brightness	350 cd/m ²
Pixel Pitch	0.297mm x 0.297mm
Viewing Angle	160° horizontally and 140° vertically
Response rate	25ms on/off
Default Color Temperature	6500 K
Anti-Glare Hardness	>8H
Color Gamut	52%
Backlight	LED

15" Projective Capacitive Operator Display

Touch Technology	Flush-Glass Projected Capacitive
Resolution	1024 x 768
Aspect Ratio	4:3
Max Color	16.7M
Contrast Ratio	700:1
Brightness	350 cd/m ²
Pixel Pitch	0.297mm x 0.927mm

Standard and Configurable Components

Viewing Angle	160° horizontally and 140° vertically
Response rate	25ms on/off
Default Color Temperature	6500° K
Anti-Glare Hardness	>8H
Color Gamut	52%
Backlight	LED

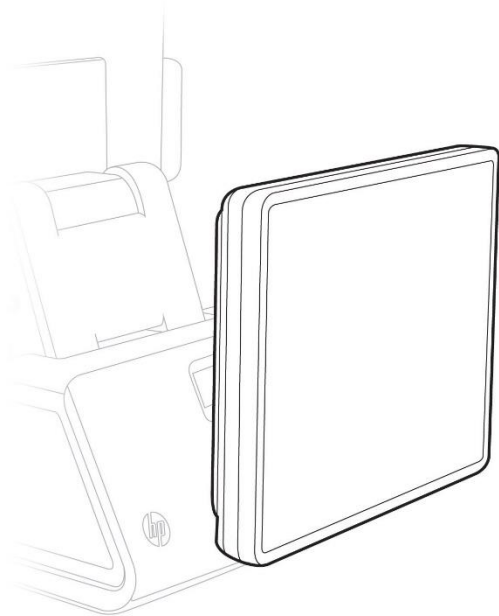
17" Projective Capacitive Operator Display

Touch Technology	Flush-Glass Projected Capacitive
Resolution	1280 x 1024
Aspect Ratio	5:4
Max Color	16.7M
Contrast Ratio	800:1
Brightness	225 cd/m²
Pixel Pitch	0.264mm x 0.264mm
Viewing Angle	170° horizontally and 160° vertically
Response rate	20m on/off
Default Color Temperature	6500 K
Anti-Glare Hardness	>8H
Color Gamut	68%
Backlight	LED

INTEGRATED PERIPHERAL OPTIONS

HP RP7 10.4-inch Customer Facing Display Option

Standard and Configurable Components

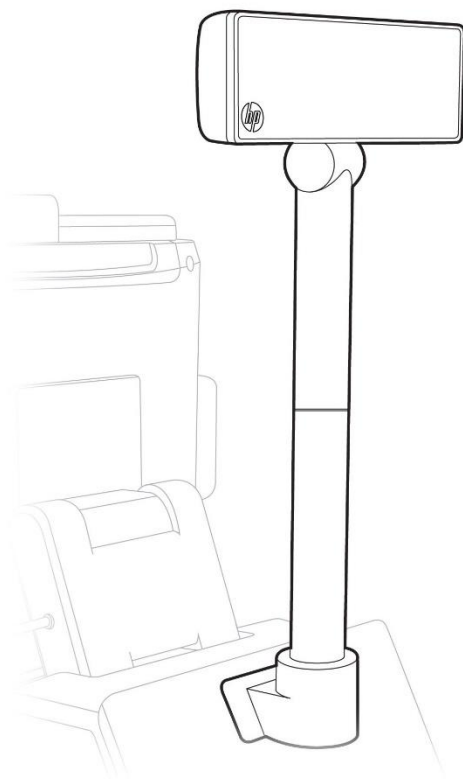


QZ702AA/B0T22AV

Touch Technology	Not supported
Resolution	1024 x 768
Aspect Ratio	4:3
Max Color	16.2M
Contrast Ratio	1000:1
Brightness	300 cd/m2
Pixel Pitch	0.0685(H) x 0.2055(V)
Viewing Angle (of LCD Panel)	176° horizontally and 176° vertically
Tilt Adjustment (of display)	-5deg to + 45deg
Response rate	25ms (rise+fall time)
Default Color Temperature	6500° K
Anti-Glare Hardness	>8H
Color Gamut	57%
Backlight	LED
Video Interface	DVI-I
Dimensions	25.4 x 4.1 x 20.8 (head unit only)
Weight	1.2kg (head unit only)
Power	DC (powered from a DC-Out port on the RP7 terminal)
Audio	Integrated speakers (connected through line-out on RP7 terminal)

HP RP7 2-Line (2x20) VFD Customer Display Option

Standard and Configurable Components



QZ701AA

Display Type	Vacuum Fluorescent Display, Blue Green
Brightness	350 - 700 cd/m ²
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), 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

Standard and Configurable Components

Drivers

OPOS, JPOS

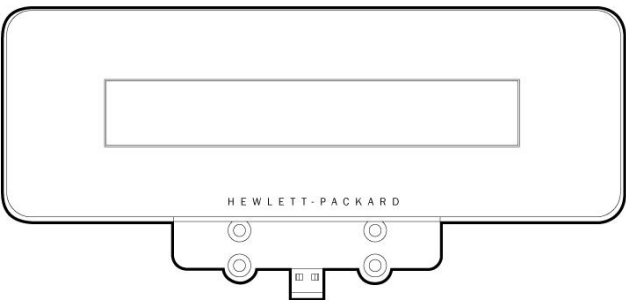
HP RP7 Adjustable Stand
QZ703AA/B0T02AV

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 RP7 Value Stand
E3A13AV

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 Integrated 2x20 Display
G6U79AA/ G7G29AA



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

Standard and Configurable Components

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)

Complex display model also supports:

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

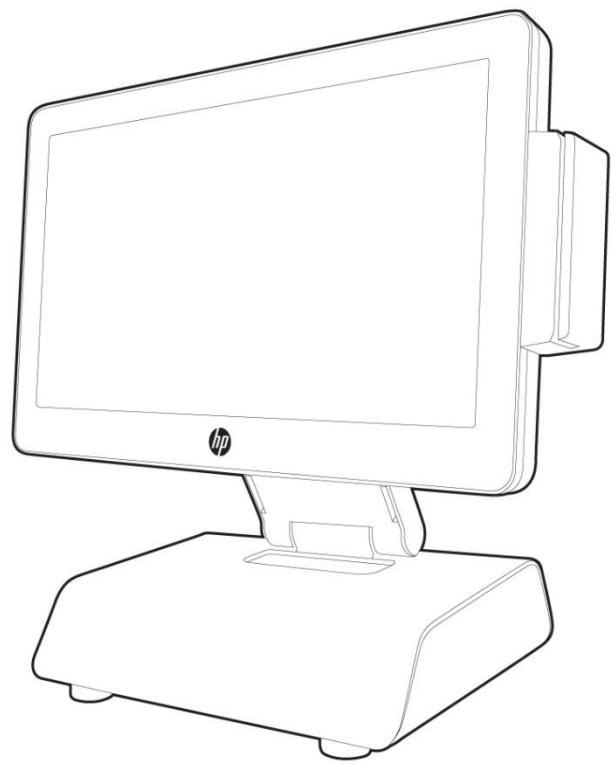
Command modes

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

Standard and Configurable Components

Mechanical	Dimensions (LxWxD)	220 x 75 x 40mm (not including the USB attachments bracket)
	Weight	0.334KG
	Adjustability	Tilt Range of Motion - 179°
Interface/Connection	Color	HP Black
	Interface	USB
Power	Operating Voltage	5V
	Full load current	150mA
	Idle current	Complex model 240mA
		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	
Operating System Compatibility	- Genuine Windows Industry 8/8.1 32 and 64 bit - Genuine 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 2x20 Display, HP Point of Sale System Software and Documentation CD	
HP Integrated Single-Head MSR		
J1A33AA		

Standard and Configurable Components



General	Magnetic stripe formats	ISO 7811, AAMVA
	Card thickness	0.38 to 1.14 mm (0.015 to 0.045 in)
Mechanical	Indicators	Colored LED, beeper
	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)
Interface/Connection	Color	HP Carbonite
	Interface	USB 2.0
	Connection	Type A
Power	Voltage (typical)	5 VDC +/- 10%, 50mV ripple max
Drivers Operating Systems (compatible with)	Current consumption (typical)	40mA max
	Windows native, OPOS, JPOS	
	Microsoft Windows 8.1 Professional 32-bit	
	Microsoft Windows 8.1 Professional 64-bit	
	Microsoft Windows Industry 8.1 32-bit	
	Microsoft Windows Industry 8.1 64-bit	
	Genuine Windows 7 Professional 32-bit and 64-bit	
	Genuine Windows Embedded POSReady 7, 32-bit and 64-bit	
	Genuine Windows Embedded POSReady 2009	

Standard and Configurable Components

Reliability		1,000,000 card swipes minimum
Agency Certifications		FCC Class A, UL, CE, CISPR22, VCCI, WEEE, WHQL, USB-IF, RoHS
Option kit contents		HP Retail Integrated Single Head MSR , Documentation CD and the Options Warranty Manual
HP Retail Integrated Dual-Head MSR		
QZ673AA/B0T12AV		
General	Magnetic stripe formats	ISO 7811(JIS I), 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	Type A
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 8.1 Pro 64-bit
		Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit
		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
Option Kit Contents		Microsoft Windows XP Professional
		HP Retail Integrated Dual-Head MSR, HP Point of Sale System Software and Documentation CD.

HP Retail Integrated Fingerprint Reader

QZ672AA/B0T13AV

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 (L x W x H)	3.94in x 3.06in x 1.34in (99.98mm x 77.8mm x 34mm)
	Weight	3.39 oz (96 g)
	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)

Standard and Configurable Components

Environmental	Temperature	Operating 0 - 40 C
	Humidity	Operating 20% - 80% non-condensing
Drivers		Windows Native
Operating Systems	Compatibility	Microsoft Windows 8.1 Pro 64-bit Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit 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 Fingerprint Reader, HP Point of Sale System Software and Documentation CD.	

HP Retail Integrated Webcam QZ700AA/B0T03AV

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
Operating Systems	Compatibility	Microsoft Windows 8.1 Pro 64-bit Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit 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 E1L07AA/E6N62AV (Installed by customer or reseller)

General	Indicators	Audible and visual read indicators
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Standard and Configurable Components

Symbologies	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)
Depth of field	Stacked codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirect
	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	
Operating Systems	Compatibility	Microsoft Windows 8.1 Pro 64-bit
		Microsoft Windows Embedded 8.1 Industry Pro Retail 64-bit
		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>.

**Not all features are available in all editions of Windows 7. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows® 7 functionality. See <http://www.microsoft.com/windows/windows-7/> for details.

Options Kit Contents

HP Retail Integrated Barcode Scanner, HP Point of Sale System Software and Documentation CD. Drivers for the HP Retail Integrated Barcode Scanner are on <http://www.hp.com>, listed under the RP7 Model 7100, RP7 model 7800, HP L6015tm monitor, and HP L6017tm monitors.

Standard and Configurable Components

Notes

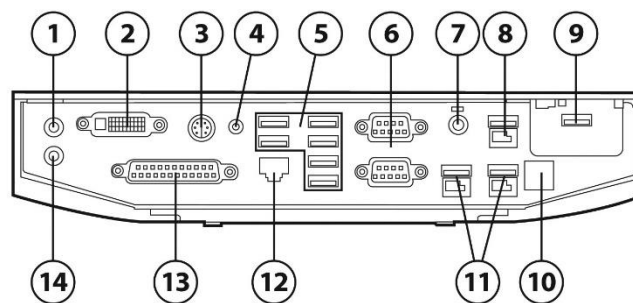
HP recommends that you only install a scanner in the bottom USB port if the RP7 is attached a Value Stand or has no stand. If the scanner is attached to the bottom USB port on the Performance Stand, the scanner can get damaged if the stand is placed in the low profile position.

I/O PORTS - CONNECTIVITY

- 6 USB 2.0
- 2 USB+PWR 12V (1 available if HP RP7 2-line (2x20) VFD Customer Display is installed)
- 1 USB+PWR 24V (Printer)
- 1 USB in lockable compartment (Security screw provided and housed in I/O cover. Requires a T-15 tamper-resistant torx security screwdriver)
- 1 RJ-12 Cash Drawer (supports dual drawers via optional splitter cable)
- 2 RS-232 Powered configurable (+5V/+12V, F-10 Setup Configurable)
- 1 Parallel
- 1 PS/2 (supports keyboard or mouse, both through a splitter)
- 1 DVI-I for Secondary Display (not available if HP RP7 10.4-inch CFD is installed)
- 1 RJ-45 10/100/1000 LAN
- 1 Audio line-in
- 1 Audio line-out (not available if HP RP7 10.4-inch CFD (Customer Facing Display) is installed and audio is connected)
- 1 DC-in (for power supply)
- 1 DC-out (for HP RP7 10.4-inch CFD only)
- 4 connectors for select HP integrated peripherals

HP RP7 Retail System, Model 7800

I/O PANEL



- | | |
|---|---|
| 1. 1 Audio line-in | 8. 1 USB+PWR 24V |
| 2. 1 DVI-I for Secondary Display (not available if HP RP7 10.4-inch CFD is installed) | 9. 1 USB in lockable compartment (Security screw provided and housed in I/O cover. Requires a T-15 tamper-resistant torx security screwdriver.) |
| 3. 1 PS/2 (supports keyboard or mouse, both through a splitter) | 10. 1 RJ-12 Cash Drawer (supports dual drawers via optional splitter cable) |
| 4. 1 DC-out (for HP RP7 10.4-inch CFD only) | 11. 2 USB+PWR 12V (1 available if HP RP7 VFD Customer Display is installed) |
| 5. 6 USB 2.0 | 12. 1 RJ-45 10/100/1000 LAN |
| 6. 2 RS-232 Powered (+5V/+12V, F-10 Setup Configurable) | 13. 1 Parallel |
| 7. 1 DC-in (for power supply) | 14. 1 Audio line-out (not available if HP RP7 10.4-inch CFD is installed and audio is connected) |

Standard and Configurable Components

STORAGE

Size

2.5"

Drive Bays

2 (See below for RAID capabilities)

OPTIONS:**SATA Hard Drives**

500GB 7200 RPM SATA ,3.0 Gb/s 2.5"

Solid State Drives

64 GB SSD, 2.5" (RAID not supported)

HP 128GB SATA TLC 2.5" SSD Drive

HP 256GB SATA TLC 2.5" SD Drive

128 GB SSD, 2.5"

256 GB SSD, 2.5"

*** NOTE:** 32 GB SATA SSD drive will be available to ship only with FreeDOS. This drive will no longer be available after November 30th, 2015.

REDUNDANT ARRAY OF INDEPENDENT DRIVES (RAID)

Flexible implementation:

- DriveLock is supported while in RAID mode. Users can manage the DriveLock password from within F10 Setup. Locked drives will be displayed as such in the RAID option ROM interface.
- Hard drive information can be viewed within F10 Setup while in RAID mode. Previously, the hard drives will not appear in Drive Configuration when switching to RAID mode.
- DPS Self Test can be executed on physical hard drives while in RAID mode.
- The RAID Setup Utility (accessed through CTRL-I) can be protected by the F10 Setup password.

NOTE: RAID 1 is the only RAID configuration offered via factory configurations. RAID is not supported on the 32GB SSD or the 64GB SSD. The pre-configured systems:

- Are complete RAID systems and have both drives installed.
- Have the necessary Option ROM configuration.
- Are pre-loaded and pre-installed with all required Intel software.
- Include a preinstalled operating system that is mirrored mode out of the box.

Please refer to the HP White Paper titled "Advanced Host Controller Interface (AHCI) and Redundant Array of Independent Disks (RAID) on HP Compaq PCs" at: <http://www.hp.com> for more information and instructions.

MEMORY

Type

Non-ECC, DDR3 SDRAM, 1333 MHz, SODIMM

(NOTE: 1600 MHz memory may ship on rp7 but the memory will not run at 1600MHz. It will clock down to 1333MHz)

Maximum

16 GB

of Slots

Standard and Configurable Components

2

NOTE: Full availability of 4 GB or more of memory requires a 64-bit operating system. With Windows 32-bit operating systems, the amount of usable memory is dependent upon your configuration, so that above 3 GB all memory may not be available due to system resource requirements.

MEMORY UPGRADES

Memory upgrades are accomplished by adding single or multiple DIMMs of the same or varied sizes. This chart does not represent all possible memory configurations. The HP RP7 Retail System supports non-ECC DDR3 PC3-10600 (1333 MHz) and PC3-8500 (1066 MHz) memory.

CAUTION: You must shut down the Retail System and disconnect the power cord before adding or removing memory modules. Regardless of the power-on state, voltage is always supplied to the memory modules as long as the Retail System is plugged in to an active AC outlet. Adding or removing memory modules while voltage is present may cause irreparable damage to the memory modules or system board.

MEMORY CONFIGURATIONS

Slot	1	2
1 GB	1 GB	
2 GB	1 GB	1 GB
4 GB	2 GB	2 GB
8 GB	4 GB	4 GB
16 GB	8 GB	8 GB

SOFTWARE

HP Client Management Solutions (available for free download from hp.com/go/easydeploy)

HP SoftPaq Download Manager

HP Client Catalog for Microsoft SMS

HP Systems Software Manager

HP Client Automation Starter

Standard and Configurable Components

NETWORK CONNECTIVITY

Integrated Intel® 82579LM Gigabit Ethernet Network Connection

Intel® Dual Band Wireless-AC 7260 802.11 ac 2x2 WiFi + BT 4.0 Combo Adapter

Optional Wireless LAN: Intel 6205 802.11 a//b/g/n 6205 Mini PCIe NIC, Intel 7260 802.11 a/b/g/n PCIe x1 NIC

NOTE: Intel 6205 802.11 a//b/g/n 6205 Mini PCIe NIC is only available for POSReady 2009 and FreeDOS (Not allowed in Indonesia); Intel 7260 802.11 a/b/g/n PCIe x1 NIC is not allowed with POSReady2009 or FreeDOS (Not allowed in Indonesia)

Intel® 82579LM GbE Network Connection (integrated)

Connector	RJ-45
Controller	Intel 82579LM gigabit platform LAN connect networking controller
Memory	24 KB FIFO packet buffer memory
Data rates supported	10/100/1000 Mbps
Compliance	IEEE 802.1P, 802.1Q, 802.2, 802.3, 802.3 ab and 802.3u compliant, 802.3az
Bus architecture	PCIe and SMBus
Data transfer mode	PCIe-based interface for active state operation (S0 state) and SMBus for host and management traffic (Sx low power state)
Data rates supported	10/100/1000 Mbps
ACBS	Intel Auto Connect Battery Saving feature
Power Saving Features	Auto Connect Battery Saver (ACBS) Automatic Link Downshift Low Power Link Up (LPLU)
Boot ROM support	Yes
Network transfer mode	Full-duplex Half-duplex (not supported for the 1000BASE-T transceiver)
Network transfer rate	10BASE-T (half-duplex) 10 Mbps 10BASE-T (full-duplex) 20 Mbps 100BASE-TX (half-duplex) 100 Mbps 100BASE-TX (full-duplex) 200 Mbps 1000BASE-T (full-duplex) 2000 Mbps
Management Alerting	WOL, auto MDI crossover, PXE, Multi-port teaming, RSS, Advanced cable diagnostic. ASF 2.0 support, AMT 6.0 support

Intel® Dual Band Wireless-AC 7260 802.11 ac 2x2 WiFi + BT 4.0 Combo Adapter

Wireless LAN Standards	IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac
Interoperability	Wi-Fi certified
Frequency Band	802.11b/g/n 2.402 – 2.482 GHz

Note:

The FCC has declared as of January 1, 2015 products that utilize passive scanning on channel 12/13 and are capable of transmitting must fully comply with requirements of 15.247 or

Standard and Configurable Components

	otherwise disable those channels.
	802.11a/n
	4.9 – 4.95 GHz (Japan) 5.15 – 5.25 GHz 5.25 – 5.35 GHz 5.47 – 5.725 GHz 5.825 – 5.850 GHz
	Note: Indonesia no support this band)
Data Rates	802.11b: 1, 2, 5.5, 11 Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: MCS 0 ~ MCS 15, (20MHz, and 40MHz) 802.11ac : MCS0 ~ MCS9, (1SS, and 2SS) (20MHz, 40MHz, and 80MHz)
Modulation	Direct Sequence Spread Spectrum BPSK, QPSK, CCK, 16-QAM, 64-QAM, 256-QAM
Security¹	- IEEE and WiFi compliant 64 / 128 bit WEP encryption for a/b/g mode only - AES-CCMP: 128 bit in hardware 802.1x authentication - WPA, WPA2: 802.1x. WPA-PSK, WPA2-PSK, TKIP, and AES. - WPA2 certification - IEEE 802.11i - Cisco Certified Extensions, all versions through CCX4 and CCX Lite - WAPI
Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Point Required)
Roaming	IEEE 802.11 compliant roaming between access points
Output Power²	802.11b : +16dBm minimum 802.11g : +14dBm minimum 802.11a : +14dBm minimum 802.11n HT20(2.4GHz) : +13dBm minimum 802.11n HT40(2.4GHz) : +13dBm minimum 802.11n HT20(5GHz) : +12dBm minimum 802.11n HT40(5GHz) : +12dBm minimum 802.11ac 80MHz(5GHz) : +11dBm minimum
Power Consumption	Transmit: 2.0 W (max) Receive: 1.6 W (max) Idle mode (PSP): 180 mW (WLAN Associated) Idle mode: 60 mW (WLAN unassociated) Radio disabled: 30 mW
Power Management	ACPI and PCI Express compliant power management 802.11 compliant power saving mode
Receiver Sensitivity³	802.11b, 1Mbps : -94dBm maximum 802.11b, 11Mbps : -86dBm maximum 802.11g, 6Mbps : -88dBm maximum

Standard and Configurable Components

	802.11g, 54Mbps : -74dBm maximum
	802.11a, 6Mbps : -86dBm maximum
	802.11a, 54Mbps : -72dBm maximum
	802.11n, MCS07 : -69dBm maximum
	802.11n, MCS15 : -66dBm maximum
	802.11ac, 1SS, MCS-0 : -86dBm maximum
	802.11ac, 1SS, MCS-9 : -61dBm maximum
	802.11ac, 2SS, MCS-0 : -83dBm maximum
	802.11ac, 2SS, MCS-9 : -58dBm maximum
Antenna type	High efficiency antenna with spatial diversity, mounted in the display enclosure Two embedded dual band 2.4/5 GHz antennas are provided to the card to support WLAN MIMO communications and Bluetooth communications
Form Factor	PCI-Express Half-MiniCard
Dimensions	0.134 x 1.06 x 1.18 in (3.4 x 26.8 x 30 mm)
Weight	3.1g
Operating Voltage	3.3v +/- 9%
Temperature	Operating 14° to 158° F (–10° to 70° C) Non-operating –40° to 176° F (–40° to 80° C)
Humidity	Operating 10% to 90% (non-condensing) Non-operating 5% to 95% (non-condensing)
Altitude	Operating 0 to 10,000 ft (3,048 m) Non-operating 0 to 50,000 ft (15,240 m)
LED Activity	LED Amber – Radio OFF; LED White – Radio ON
Notes	1. Check latest software/driver release for updates on supported security features. 2. Maximum output power may vary by country according to local regulations. 3. Receiver sensitivity is measured at a packet error rate of 8% for 802.11b (CKK modulation) and a packet error rate of 10% for 802.11a/g (OFDM modulation).

HP Integrated Module with Bluetooth 4.0+EDR Wireless Technology

Bluetooth Specification	4.0+EDR Compliant		
Frequency Band	2402 to 2480 MHz		
Number of Available Channels	79 (1 MHz) available channels		
Data Rates and Throughput	3 Mbps data rate; throughput up to 2.17 Mbps		
	Synchronous Connection Oriented links up to 3, 64 kbps, voice channels		
	Asynchronous Connection Less links 2178.1 kbps/177.1 kbps asymmetric or 1306.9 kbps symmetric		
Transmit Power	The Bluetooth component shall operate as a Class II Bluetooth device with a maximum transmit power of +4 dBm for BR and EDR.		
Receiver Sensitivity	Modulation	0.01% BER	0.001% BER
	GFSK	-80 dBm	-70 dBm
	$\pi/4$ -DQPSK	-80 dBm	-70 dBm
	8DPSK	-80 dBm	-70 dBm
Power Consumption	Peak (Tx) 330 mW		
	Peak (Rx) 230 mW		
	Selective Suspend 17 mW		

Standard and Configurable Components

Range	Up to 33 ft (10 m)
Electrical Interface	USB 2.0 compliant
Bluetooth Software Supported Link Topology	Microsoft Windows Bluetooth Software
Electrical Interface	Point to Point, Multipoint Pico Nets up to 7 slaves
Bluetooth Software Supported Security	Full support of Bluetooth Security Provisions
Power Management	Microsoft Windows ACPI, and USB Bus Support
Power Management Certifications	Self-configurable to optimize power conservation in all operating modes, including Standby, Hold, Park, and Sniff
Security	All necessary regulatory approvals for supported countries, including:
Certifications	FCC (47 CFR) Part 15C, Section 15.247 & 15.249
Bluetooth Profiles Supported	
Power Management Certifications	ETS 300 328, ETS 300 826
Certifications	Low Voltage Directive IEC950
Bluetooth Profiles Supported	UL, CSA, and CE Mark
	Serial Port Profile (SPP) ¹
	Service Discovery Application Profile (SDAP)
	Dial-Up Networking (DUN) ^{1,2}
	Generic Object Exchange Profile (GOEP) ^{1,2}
	Object Push Profile (OPP) ^{1,2}
	File Transfer Profile (FTP)
	Synchronization Profile (SYNC)
	Hard Copy Cable Replacement (HCRP) ^{1,2}
	Personal Area Networking Profile (PAN) ^{1,2}
	Human Interface Device Profile (HID) ^{1,2}
	FAX Profile (FAX)
	Basic Imaging Profile (BIP) ²
	Headset Profile (HSP)
	Hands Free Profile (HFP)
	Advanced Audio Distribution Profile (A2DP)

AUDIO/MULTIMEDIA

Rear-line input (supports microphone or line input), lineout
 All ports are 3.5mm in diameter
 High Definition Audio with Realtek ALC221 codec (all ports are stereo)
 SRS Premium Sound audio management technology
 Multi-streaming capable*
 Dual Internal Speakers (standard)

* Audio input ports are re-taskable as a Line-in or Microphone-in port. External speakers must be powered externally. Multi-streaming can be enabled in the Realtek control panel to allow independent audio streams to be sent to/from the front and rear jacks. This allows for different audio applications to use separate audio ports on the system. For example, the front jacks could be used with a headset for a communications application while the rear jacks are being used with external speakers and a multimedia application.

POWER

Power Supply 180W External power supply, 87% Efficiency, Active PFC
 *This power supply meets ENERGY STAR compliance in conjunction with a select range of processors and modules.

Standard and Configurable Components

Operating Voltage Range	90 to 264 VAC
Rated Voltage Range	100 to 240VAC
Rated Line Frequency	50/60 Hz
Operating Line Frequency Range	47 - 63 Hz
Rated Input Current	<2.9A AVG Efficiency 87% (calculated by testing at 20/50/75/100% load)
Power Supply Fan	None
ENERGY STAR® Compliant	ENERGY STAR® compliant
Power Cord Length	6.0ft (1.83m)
Current Leakage (NFPA99)	< 275 µA

WEIGHTS & DIMENSIONS

NOTE: Weight and dimensions below do not include MSR, Biometric Reader, Webcam, VFD, or CFD.

Weight	With stand – 15" Display Option
	12.31 kg/27.37 lbs
	With stand – 17" Display Option
	13.03 kg/28.96 lbs
Dimensions (W x D x H)	Without stand – 15" Display Option
	6.25 kg/13.78 lbs
	Without stand – 17" Display Option
	7 kg/15.43 lbs
Dimensions (W x D x H)	With stand – 15" Display Option
	36.6 x 42.4 x 33.58 cm 14.41 x 16.7 x 13.22 in
	With stand – 17" Display Option
	38.6 x 43.07 x 34.72 cm 15.19 x 16.95 x 13.67 in
Box Dimensions	Without stand – 15" Display Option
	36.6 x 8.94 x 31.3 cm 14.41 x 3.52 x 14.41 in
	Without stand – 17" Display Option
	57.9 x 26.9 x 48 cm 22.80 x 10.59 x 18.86 in
Box Dimensions	With Stand
	55.09 x 49.9 x 52.3 cm 21.69 x 19.65 x 20.59 in
	Without Stand
	54.2 x 48.5 x 16.9 cm 21.34 x 19.09 x 6.65 in

Standard and Configurable Components

Shipping Weight

With Stand – 15"

Min weight 16.71 kg
Max weight 19.17 kg

With Stand–17"

Min weight 17.25 kg
Max weight 19.72 kg

Without Stand – 15"

Min weight 8.32 kg
Max weight 8.59 kg

Without Stand – 17"

Min weight 9.15 kg
Max weight 9.15 kg

(For shipping weigh the minimum weight with no peripherals and 1 HDD, Maximum weight with CFD, webcam, Biometric reader, MSR reader, and 2 HDD's)

TEMPERATURE, HUMIDITY, ALTITUDE

Temperature

Operating	50° to 104° F (10 to 40° C)
Non-operating	-22° to 149° F (-30°to 65° C)

Relative humidity

Operating	20 to 85%
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Altitude
(unpressurized)

Operating	0 to 10,000 ft (3,048 m)
Non-operating	0 to 30,000 ft (9,144 m)

Standard and Configurable Components

ENVIRONMENTAL & INDUSTRY

Environmental Data Eco-Label Certifications & Declarations

This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration
- US ENERGY STAR®
- EPEAT Gold registered in the United States. See <http://www.epeat.net> for registration status in your country.

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation (Short idle)	40.68 W	39.98 W	40.02 W
Normal Operation (Long idle)	25.42 W	26.07 W	25.77 W
Sleep (Energy Star low power mode)	3.64 W	3.45 W	3.73 W
Off	1.29 W	1.29 W	1.33 W

NOTE: Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the model family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured model.

Heat Dissipation	115 VAC	230 VAC	100 VAC
Normal Operation (Short idle)	139 BTU/hr	137 BTU/hr	137 BTU/hr
Normal Operation (Long idle)	87 BTU/hr	89 BTU/hr	88 BTU/hr
Sleep (Energy Star low power mode)	12 BTU/hr	12 BTU/hr	13 BTU/hr
Off	4 BTU/hr	4 BTU/hr	5 BTU/hr

***NOTE:** Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

Declared Noise Emissions
(in accordance with
ISO 7779 and ISO 9296)
(Typically configured)
Idle

Sound Power
(L_{WAd} , bels)

Sound Pressure
(L_{pAm} , decibels)

3.2

23

Fixed Disk (random writes)

3.2

23

Longevity and Upgrading

This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include:

- 6 USB ports
- 2 memory slots
- 1 Mini PCIe half-length slot
- 1 MXM 3.0 Type A - 35W slot
- 1 mSATA slot
- 1 2.5" internal bay supporting up to Two 2.5" hard drives (HDD/SSD/SED/SSHD)
- 1 5.25" external supporting optical drive

Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.

Standard and Configurable Components

Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC
Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight

Battery size: CR2032 (coin cell)

Battery type: Lithium

Additional information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- This product is in compliance with the IEEE 1680 (EPEAT) standard at the < gold > level, see www.epeat.net
- Plastics parts weighing over 25 grams used in the product are marked per ISO11469 and ISO1043.
- This product contains 26.3% post-consumer recycled plastic (by wt.)
- This product is 96.2% recycle-able when properly disposed of at end of life.

Packaging Materials

Internal:	Paper/Corrugated	2862.3 g
External	PLASTIC/EPE (Expanded Polyethylene)	1745 g
	PLASTIC/Polyethylene high density	42.2 g

The plastic packaging material contains at least 1.8 % recycled content.

The corrugated paper packaging materials contains at least 24 % recycled content.

Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at <http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf>):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)

Standard and Configurable Components

- Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

Packaging Usage

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

Hewlett-Packard Corporate Environmental Information

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Eco-label certifications

<http://www8.hp.com/us/en/hp-information/environment/ecolabels.html>

ISO 14001 certificates:

http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/PC_GBU_Product_Design_ISO_14K_Certificate.pdf
and

<http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf>

Standard and Configurable Components

SERVICE AND SUPPORT

On-site Warranty^{Note 1}: Limited warranty delivers on-site, next business-day^{Note 2} service for parts and labor and includes free telephone support^{Note 3} 24 x 7. The warranty terms vary by region and onsite and labor are not available in all countries. Depending on region and warranty terms, extended service offers terms up to 3 years by choosing a Carepack. To choose the right level of extended service for your HP product, visit HP Care Pack Central: <http://www.hp.com/go/cpc>

NOTE 1: Terms and conditions may vary by country. Certain restrictions and exclusions apply. Other warranty variations may be offered in your region.

NOTE 2: On-site service may be provided pursuant to a service contract between HP and an authorized HP third-party provider, and is not available in certain countries. Global service response times are based on commercially reasonable best effort and may vary by country.

NOTE 3: Technical telephone support applies only to HP-configured Compaq and third-party HP-qualified hardware and software. Toll-free calling and 24 x 7 support may not be available in some countries.

Options and Accessories (sold separately)

OPTIONS AND ACCESSORIES (sold separately)

Input Devices

	Part Number
HP RP7 2x20 VFD Customer Display	QZ701AA
HP Integrated 2x20 Display	G6U79AA
HP RP7 10.4 inch CFD Display	QZ702AA
HP 7" LCD Customer Display	F7A92AA
HP Retail Integrated Dual-Head MSR	QZ673AA
HP Retail Integrated Fingerprint Reader	QZ672AA
HP RP7 Integrated MSR (Single Head)	K1K15AA
HP Integrated Single-Head MSR w/o SRED	J1A33AA
HP Retail Integrated Barcode Scanner	E1L07AA
HP POS Keyboard without MSR (AMS Region Only)	FK221AA
HP POS Keyboard with MSR	FK218AA
HP PS/2 Standard Keyboard	DT527A
HP USB Standard Keyboard	DT528A
HP USB Mini Keyboard	AS601AA
HP USB Washable Keyboard	BM866AA
HP USB and PS/2 Washable Keyboard and Mouse Kit	BU207AA
HP PS/2 Optical Mouse	EY703AA
HP USB Optical Mouse	DC172B
HP USB Laser Mouse	GW405AA

Security

HP/Kensington MicroSaver Cable Lock	PC766A
HP Business PC Security Lock	PV606AA
HP Keyed Lock Cable	BV411AA

Barcode Scanners

HP Imaging Barcode Scanner	BW868AA
HP Linear Barcode Scanner	QY405AA
HP Presentation Barcode Scanner	QY439AA
HP Retail Integrated Barcode Scanner	E1L07AA
HP 2D Value Wireless Scanner AMO kit	K3L28AA

Cash drawers

HP Heavy Duty Cash Drawer	FK182AA
HP Standard Duty Cash Drawer	QT457AA
HP Standard Duty Till with Locking Cover	QT458AA
HP Flip-Top Cash Drawer (EMEA Region Only)	BW867AA
HP Flip-Top Till with Locking Cover (EMEA Region Only)	BZ335AA
HP Cable Pack for Dual Cash Drawers	QT538AA

Printers



Options and Accessories (sold separately)

HP Powered USB Thermal Receipt Printer	FK224AA
HP Serial/USB Thermal Receipt Printer	BM476AA
HP Hybrid Printer with MICR	FK184AA
HP USB Y Cable (for Serial USB/Receipt Printer)	BM477AA

System Memory

2GB DDR3-1600 SODIMM	B4U38AA
4GB DDR3-1600 SODIMM	B4U39AA
8GB DDR3-1600 SODIMM	B4U40AA

Storage

128GB SATA 2.5 SSD	QV063AA
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MSR

HP Mini-MSR	FK186AA
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Displays

HP Retail Integrated 7-inch CFD	F7A92AA
HP Retail Integrated 2x20 Display	G6U79AA
HP Retail Integrated 2x20 Display Complex	G7G29AA
HP LCD Pole Display	F7A93AA
HP POS Pole Display	FK225AA
HP Graphical POS Pole Display	QZ704AA

Stands

HP RP7 Adjustable Stand	B0T02AV/ QZ703AA
HP RP7 Value Stand	E3A13AV

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
May 20, 2014	v16, February to V17, May	Changed	ENERGY STAR wording, Pubnumber
		Added	Environmental Data
Sept 29, 2014	From v17 to v18	Added	HP Integrated 2x20 Display 2x20 and HP Retail Integrated Single-Head MSR to Integrated Peripheral Options
December 5, 2014	From v18 to v 19	Added	Part numbers for Options and Accessories section
		Changed	Title display in pages 7-9
		Removed	Optional Stand A1X79AA part number
October 8, 2015	From v19 to v20	Added	32GB SSD availability note; HP PCIe x1 Parallel Port Card in AMO section
January 14, 2016	From v20 to v21	Removed	HP Integrated Single-Head MSR SRED/J1A34AA
August 22, 2016	From 21 to v22	Removed	Windows 10 and Windows 10IoT
October 3, 2016	From 22 to v23	Added	128GB & 256GB TLC SSD to Storage section; Intel 7260, 802.11ac non-vPro to Networking and Communications
		Removed	320 GB HDD, and 32 GB SSD; Win 7 and 8.1 Pro, E5E14AA value stand, Retail Webcam

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