

Data sheet

HP MX10 Retail Solution



Meet your sale—at the counter and throughout the store



January 2016

Adapt to the sales flow to meet customer needs and deliver an exceptional experience anytime, anywhere. With the HP MX10 Retail Solution, it's a snap to transition from a fixed POS to a mobile service – and back.



HP MX10 Retail Solution



HP MX10 Retail Solution with HP Retail Jacket



HP MX10 Retail Solution with HP Retail Case

Note: PED (PIN entry device) sold separately.

Retail where it needs to be

Impress customers with the ultimate service experience. Verify prices, search for inventory, and complete sales transactions not only at the counter, but anywhere in the store. Add the HP Retail Jacket or the HP Retail Case to the HP ElitePad¹ to create the right mobile solution for your environment.

Integration is a snap

Switch to counter service in no time. Just snap the mobile unit into its docking station for a complete POS solution that integrates into your existing infrastructure. Enhance customer service and put your POS power tools to work for you. Dock at the sales station and connect all of your peripherals via serial, USB, and RJ-45 ports.

There for customers, there for business

React quickly and never miss a sale with the flexibility to meet customer needs during peak hours and increase associate productivity during non-peak hours.

Make room for more sales

Maximize counter space to enable more revenue opportunities. The compact design of the HP MX10 Retail Solution frees valuable counter space to promote more of your products. Ready to go when they're ready to buy.

Always connected

Access all ElitePad¹ essentials, including camera, pass-through stereo sound, headphone jacks, and more—even with the retail case or the retail jacket on.

HP Retail Case specifications

Dimensions (WxDxH)	28.54 x 2.05 x 19.44 cm (11.24 x 0.81 x 7.65 in)
Weight	Retail Case Only (includes hand strap) 0.31 kg (0.68 lb.) Retail Case w/ Elitepad 0.99 kg (2.18 lb)
Warranty	Each accessory carries a one-year limited warranty. Technical support is available seven days a week, 24 hours a day, by phone, as well as online support forums. Certain restrictions and exclusions apply.
Other	PED (PIN Entry Device, or mobile payment terminal) attach points on both sides of the case, PED security provision (allows user to install a screw into PED mounting plate for tamper-resistance), latch areas for the HP Retail Expansion Dock ¹ , HP ElitePad Docking Station cutout and 70-pin connector, connection points for Shoulder Strap, attach points for Hand Strap (included), four VESA mount screw holes for fixed usage.

HP Retail Jacket specifications

Dimensions	10.91 x 1.26 x 8.15 in (27.70 x 3.20 x 20.70 cm)
Weight	1.24 lb (0.56 kg) (jacket only)
Ports/connectors	USB port Power/system connector
Additional feature	Hand strap (right or left handed orientation)
Drivers	Windows native, OPOS, JavaPOS, POS for .NET (MSR only)
Barcode Scanner	
Scanner type	Omni directional
Light source	622 nm – 628 nm visible LED
Nominal working distance/ depth of field	35 mm – 210 mm
Print contrast	≥30%
Scan angle	36° (horizontal)
Decode symbologies factory default barcodes²	Code39, Code93, UPC-A, UPC-E, EAN-8, EAN-13, PDF417, UCC/EAN128, GS1 Databar, QR Code, Data Matrix
Magnetic Stripe Reader	
General	Bi-directional Reads up the three (3) tracks
Formats	Reads ISO 7811, ASMVA cards
Card thickness	0.015 to 0.045 in (0.38 to 114 mm)
Slot width	0.045 to 0.061 in (1.15 to 1.55 mm)
Reliability	500,000 card swipes
Encryption	Triple DES Encryption. Shipped with encryption disabled ³ DUKPT Key Management

HP ElitePad 1000 G2 specifications

Operating system^{4,5}	Preinstalled : Windows 10 Pro, 64-bit Windows 10 IoT Enterprise Pro Retail, 64-bit Windows 8.1 Pro Retail 64 Windows Embedded 8.1 Industry 64
Processor⁶	Intel® Atom™ Z3795 (quad-core 1.6 GHz base/2.39 GHz burst SoC BGA)
Chipset	Integrated SoC PCH
Graphics	Integrated: Intel HD Graphics
Display	Internal: 10.1-inch diagonal WUXGA wide-viewing angle outdoor display (1920 x 1200) External: Up to 32-bit per pixel color depth
Memory	Standard: 4 GB LPDDR3 1067 MHz memory
Networking/ communications	Integrated Wireless LAN Broadcom 43241 802.11 a/b/g/n (2x2)+ BT 4 LE SDIO
Audio/multimedia	<p>Audio HD audio 2 Integrated stereo speakers 2 integrated microphones (dual-microphone array) (noise cancelling and beam forming) Combo stereo/headphone/microphone jack</p> <p>Cameras Integrated 2.1 MP/1080p⁷ with LED (front-facing) 8 MP with LED flash (rear facing)</p>
Input devices¹	Optional HP Executive Tablet Pen G2
Power	<p>Power Supply External 10-watt HP ElitePad 10W Smart AC Adapter with detachable duck-heads. Total length is 5.9 ft (180 cm).</p> <p>Primary Battery 2-cell (30 WHr) Lithium Polymer battery</p> <p>Battery Life⁸ Up to 13.5 hours</p>
Weight⁹	ElitePad Only: Starting at 0.68kg (1.50 lb)
Dimensions	ElitePad Only: 26.1 x 0.92 x 17.8 cm (10.28 x 0.36 x 7.01 in) ElitePad with Retail Case: 28.54 x 2.05 x 19.44 cm (11.24 x 0.81 x 7.65 in)
Ports/slots	<p>Ports Headphone/Microphone Combo Jack – One System Connector – One</p> <p>Digital Media Slots Micro SDXC card slot Micro SIM slot</p>
Software and Security	<p>Security HP Client Security (incl. Credential Manager and Password Manager) Absolute Data Protect¹⁰ Device Access Manager with Just In Time Authentication (web only) Essential System Updates for Microsoft Windows 8.1</p> <p>HP Value Add Software HP ePrint Driver HP Manageability HP PageLift PDF Complete HP WallPaper System Default Settings HP PC Hardware Diagnostics UEFI</p>

HP Retail Expansion Dock specifications

Serial Ports	4 Serial ports for legacy peripherals (DB9, powered, jumper selectable - 5V/12V)
USB ports	6 USB ports (1 24V, 2 12V, 4 5V)
Video	1 HDMI connector and 1 VGA connector
Network	1 RJ-45 (Ethernet)
Security	Three security options: lock the HP ElitePad Mobile Retail Solution to the HP Retail Expansion Dock with a key, secure the HP Retail Expansion Dock with a cable lock, or secure the HP Retail Expansion Dock to a counter or cash drawer with a bolt.
Power	Internal HP 150W AC Adapter and Power cord
Dual hinge	Ability to adjust tilt and height of HP ElitePad Mobile Retail Solution while docked
Dimensions	Fully extended with cable cover, 13.28 x 10.43 x 8.27 in (337.22 x 265 x 224.2 mm) without Retail Case or Jacket
Weight	6.54 lb (2.96 kg). Includes embedded 150W power supply and AC power cord
Option Kit contents	HP Retail Expansion Dock for HP ElitePad, 150W AC Adapter, Power Cord, Input / Output cover, two keys, documentation
Warranty	One-year limited warranty. Additional support is available 24 hours a day, seven days a week by phone as well as online support forums. Note: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

- Sold separately.
- Factory setting has these code selections enabled by default.
- The MSR is shipped in unencrypted mode so that data is transmitted in clear text. Encryption mode may be enabled by customer using separately purchased injection service. Additional service fees may apply to process payment transactions. Requires internet access.
- 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. www.microsoft.com.
- Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, and/or software to take full advantage of Windows functionality. See microsoft.com.
- Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- HD content required to view HD images.
- Testing conducted by HP consisting of full battery discharge while running a series of productivity scripts against the following applications (which may or may not be included with your particular product): Adobe® AcrobatReader 7.0, Adobe® Illustrator® CS2, Adobe® Photoshop® CS2, Apple® Quicktime 7.1, Intervideo® WinDVD® 8, Macromedia® Flash 8, Microsoft® Office® 2003 Pro, Microsoft® Project 2003, and Winzip® 10.0. Prior to testing, the system was fully charged, display brightness was set at 60 nits, wireless was turned off, and auto dim, suspend, hibernate and all other programs, utilities, and services not essential to running the computer system or battery life test were disabled. Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage.
- Weight will vary by configuration. ElitePad weight includes 2-cell battery, embedded Multi Media Card, and 4 GB memory.
- HP ElitePad 1000 includes a 4 year license of Absolute Data Protect to locate your device, lock and prevent unauthorized access and remotely delete personal data. License must be activated by customer. See absolute.com/landing/2012/computrace-hp for complete details. Absolute Data Protect agent is shipped turned off, and must be activated by customers. Service may be limited, check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

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