

HP MX12 Retail Solution



A new level of retail agility

Deliver an enhanced customer experience at the counter and increase your operational efficiencies with the HP MX12 Retail Solution, which combines a business-class Windows tablet, retail-ready case, and docking station.¹



Versatility to fit your business

Use as a sleek, compact, fixed POS solution and dock in the HP Retail Expansion Dock¹ to access your retail peripherals, or undock and go portable when your business demands.

Keep your business and customers moving

Tackle daily tasks across your business—from inventory to closing sales—with the HP Pro x2 612's powerful Intel® processor. The large 12" diagonal screen keeps you productive by displaying all the info you need at one time.

Make room for revenue

Maximize your available counter space with a small-footprint solution that takes up minimal room and still has an adjustable height and tilt dual-hinge arm so your CSRs can work comfortably. The internal power supply helps keep things tidy.

Security for your solution and critical information

Designed-in security features on the HP Pro x2 612 Retail include fingerprint and smart card readers and HP Sure Start with Dynamic Protection, which helps the tablet protect, detect, and recover from malicious BIOS attacks.

Mobilize your commerce

Attach your third-party mobile payment device to the back of the case to accept transactions on the go, and charge it through the tablet's USB port, accessed by the durable HP Retail Case 12.

Beauty and brawn

Get a stylish solution that looks great and performs even better in fast-paced, often messy environments. The sturdy HP Pro x2 612 Retail is designed to pass MIL-STD 810G², has a damage-resistant Corning® Gorilla® Glass screen, and is reinforced by the durable case.



HP Pro x2 612 G2 Retail - Specifications

Available Operating System	Windows 10 Pro 64, Windows IoT Enterprise for Retail ³
Available Processors⁴	Intel® Core™ i5-7Y57 (up to 3.30 GHz, 4 MB cache, 2 cores) Intel® Core™ M3-7Y30 with Intel® Graphics 615 (1 GHz, up to 2.6 GHz, 4 MB cache, 2 cores) Intel® Pentium® 4410Y with Intel® Graphics 615 (1.5 GHz, 2 MB cache, 2 cores)
Memory	Up to 8 GB LPDDR3 SDRAM (onboard) ¹²
Internal Storage⁵	128 GB M.2 2280 SATA SSD 256GB PCIe Gen3x4 NVMe SS TLC SSD
Display	12" diagonal capacitive multi-touch, eDP WUXGA+ BrightView, Ultralim, 340 nits (1920x1280) 3:2 aspect ratio ⁸
Available Graphics	Intel® HD Graphics (with shared video memory)
Audio	2 Stereo speakers; Dual microphone array; 1 headphone/microphone combo
Wireless Technologies⁶	WiFi: Intel® Dual band wireless-AC 8265 802.11AC 2x2 WiFi + BT 4.2 Combo Adaptor (non-vPro™) GPS: Broadcom GPS 4752 UART M.2 WW NFC: Integrated NFC NXP NPC100 I2C NCI module WAN: HP hs3210 WW HSPA+ w/o GPS, HP It4132, LTE/HSPA+ 4G w/GPS M.2, and HP It4120 LTE/EVDO/HSPA+ w/GPS M.2 ⁷
Expansion Slots	1 microSD (Expandable up to 2 TB) ⁵
Ports and Connectors	1 3.5 mm 3 and 4 pole headphone jack; 1 USB 3.0a Port; 1 USB 3.0 Type-C™ connector; Single micro SIM (Nano-SIM) model
Camera	8 MP rear-facing camera; 5 MP front facing
Sensors	Accelerometer, Magnetometer, Gyro, ALS (ambient light sensor), Proximity (SAR for WWAN)
Battery	4-cell Long Life Polymer 41.58Whr (2700mAh)
Dimensions (W X D X H)	11.81 x 8.42 x 0.36 in 30 x 21.38 x 9.1 cm
Weight	1.87 lb 850 g
Power	HP 45W USB Type-C™ AC Adapter; HP 65W USB Type-C™ AC Adapter
Security	Absolute Persistence Module ¹⁰ ; HP Drive Encryption ⁹ ; HP Security Manager; Windows Defender; TPM 1.2/2.0
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.

HP Retail Case 12 - Specifications

Dimensions (H x W x D)	12.91 x 9.19 x 0.83 in 32.81 x 23.36 x 2.13 cm
Weight	0.85 lb 386.8 g
Base Jacket	Power, volume Up / Down (Jacket buttons enable Power and Volume functions from tablet) AC Power/Battery Charge indicator Webcam indicator
Ports and Connectors	USB Type-C™ with Guest Protocol (only support Power, USB) USB Type-C™ to connect with the HP Pro x2 612 G2 Retail tablet External 70-pin connector to HP Retail Expansion Dock (only support Power, USB)
Power	HP 45W nPFC USB Type-C™ Straight HP 65W nPFC USB Type-C™ Straight
Kit contents	HP Retail Case 12, hand strap, shoulder/hand strap attach points and inserts, 3rd party device attachment kit pieces
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.

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 ¹¹
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.

1. Configured at the time of purchase.
2. MIL-STD testing is pending and not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
3. Windows® IoT Enterprise for Retail will not be available at launch. 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 <http://www.microsoft.com>
4. Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
5. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) is reserved for system recovery software.
6. Wireless is an optional add-on feature and requires wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
7. WiFi is an optional feature and requires factory configuration. Use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.
8. HD content required to view HD images.
9. Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.
10. BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. 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. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. 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.
11. When docking the HP Pro x2 612 tablet with Retail Case 12 to the Retail Expansion Dock, the VGA and HDMI ports on the Expansion Dock are not active for the tablet and should not be used to connect a secondary display. You may instead connect a secondary display to the USB Type-A port on the Expansion Dock using any necessary video adapters. For additional information, refer to the documentation included with your product.
12. Only configurable with Intel Core i5-7Y57 processor. This is a configuration rule restriction for the 8GB SDRAM option only not on the 4GB SDRAM.

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