



HP Pro 8 Tablet with Voice with Mantra mDESK8

Expand productivity with HP Pro 8 Tablet with Voice with Mantra mDESK8, designed for mobile field workers. It supports configurable biometric modules and provides outdoor readability, high temperature endurance, and long battery life.



Customize your authentication experience

- Tailor your device for an extra layer of security when you add a fingerprint reader and/or iris scanner.¹

Powered for productivity

- Be productive with a long battery life that supports workers step for step throughout the day and is replaceable² to extend the device's lifespan.

Conditioned for outdoor assignments

- Use the tablet in a range of outdoor settings. It withstands temperatures from -10°C to 50°C³ and has a bright 500-nit, 16.7M color^{9,10} depth, 8" diagonal screen that is easy to read even in direct sunlight.

Broad usage and language compatibility

- Get the flexibility to use the tablet, regardless of your language preference, with typing support for 11 regional languages and reading for 22. Connect to peripherals with USB 2.0 port on jacket.
- Stay connected in real-time with voice calling, text messaging, and 4G\LTE⁴ high-speed data; use the integrated GPS (GPS, A-GPS, Glonass)⁵ for vehicle navigation and remote geo locating.
- Keep files local on the integrated 16 GB eMMC, or add an optional SD card up to 128 GB.^{6,7}
- Capture sharp photos and records in the field with the 5MP rear-facing camera and make video calls with the 2MP front-facing camera.
- Reduce the downtime of training on a new operating system and enjoy access to millions of apps⁸ with Android™ OS.
- Expand to a larger display or projector in a conference room or operations room, or at a customer site with Miracast.⁹

HP Pro 8 Tablet with Voice with Mantra mDESK8 Specifications Table



Product Design	Black
Available Operating System	Android 6.0 Marshmallow ^{14,15}
Available Processors	ARM Cortex™-A53 (1.3 GHz, 4 cores) ^{12,13}
Display	8" diagonal IPS HD Air bonding, 10-point multitouch-enabled (1280 x 800) ^{9,10}
Chipset	MediaTek MTK MT8735
Memory	2 GB LPDDR3 SDRAM
Internal Storage	16 GB eMMC ⁵
Available Graphics	ARM® Mali™-T720 GPU
Audio	Support voice call via single 1.2 W internal speaker; Wired or Bluetooth® headset; Speaker and receiver mode
Keyboard	No keyboard included
Wireless Technologies	802.11b/g/n and Bluetooth 4.0 (Miracast compatible); GSM 850/900/1800/1900; WCDMA Band 1 and Band 8; LTE Band 3 and Band 40 ^{7,8}
Expansion Slots	1 microSD ¹⁶ (Expandable up to 128 GB.)
Ports and Connectors	1 micro USB 2.0 (connected with modules in jacket); 1 microSD expandable via SD card; 1 micro-SIM; 1 headphone/microphone combo; 1 AC power ⁶
Camera	2 MP HD front-facing and 5 MP HD rear-facing auto-focus with LED flash ^{9,11}
Available Software	Google Mobile Services and Applications; HP File Manager
Security Management	ARM® TrustZone®; Fingerprint reader; Iris scanner
Dimensions	282.6 x 144.4 x 19 mm (narrower end, thinner side); 282.6 x 154.4 x 19 mm (broader end, thinner side); 282.6 x 144.4 x 44 mm (narrower end, thicker side); 282.6 x 154.4 x 44 mm (broader end, thicker side)
Weight	Starting at 800 g
Battery Type	6000 mAh (22.8 Wh) Li-ion polymer ⁴
Battery Life	Up to 15 hours; Up to 410 scans from FPR or IRIS modules (jacket) ³
Power	27 W 9V/3A charging AC adapter
Sensors	Accelerometer; Ambient light sensor; Gyroscope; Proximity
Environmental	Low halogen; ROHS; WEEE (including adapter) ²
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver registered ¹
Warranty	Protected by HP standard one year limited warranty including parts and onsite labor. 90 day software limited warranty options depending on country. Batteries have a one year default limited warranty. Terms and conditions may vary by country. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc .

Messaging Footnotes

- ¹ Modules require configuration at time of purchase. Third party software and Internet access required for payment module and sold separately.
- ² Replacement by qualified service center technicians required.
- ³ Not meant to operate for more than two hours under these temperatures, product will automatically shut down. Temperature test performed with a fully charged battery, device stored for 30mins, using continuous 720p video playback, with middle level brightness, system audio level at 100% no adaptor connected for two hours.
- ⁴ Separately purchased carrier service required. Connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products or in all countries.
- ⁵ GPS access requires unobstructed path to multiple satellites. Performance may be affected inside buildings, bridges or heavily-congested metro areas.
- ⁶ Sold separately.
- ⁷ MicroSD card must be formatted in FAT32 format before use. Maximum individual file size supported for read/write to the card is 4 GB.
- ⁸ Android™ apps available from Google Play™ Store. Some apps may require purchase. Availability may vary.
- ⁹ Microsoft Miracast compatible screen or projector required.

Technical Specifications Footnotes

- ¹ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options
- ² External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ³ Tested by HP using continuous HD video playback, 720p (1280 x 720) resolution, 150 nits brightness, system audio level at 50%, played from external storage, headphone attached, Airplane mode on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
- ⁴ Battery is internal and not replaceable by customer. Serviceable by HP Certified Technicians or HP Authorized Service Providers.
- ⁵ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 7 GB is reserved for system recovery software.
- ⁶ Micro-USB 2.0 is not a charging port.
- ⁷ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
- ⁸ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ⁹ HD content required to view HD images.
- ¹⁰ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹¹ Internet access required.
- ¹² 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. Model numbering is not a measurement of clock speed.
- ¹³ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ¹⁴ This product has Android™ 6.0 Marshmallow Operating System pre-installed. Upgrade to Android™ Nougat available by the end of 2017.
- ¹⁵ Device supports text input in the following languages: Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, and Telugu. Device supports rendering and display of the following languages: Assamese, Bengali, Gujarati, Hindi, Kannada, Kashmiri, Konkani, Malayalam, Manipuri, Marathi, Nepali, Oriya, Punjabi, Sanskrit, Sindhi, Tamil, Telugu, Urdu, Bodo, Santali, Maithili, Dogri.
- ¹⁶ Configurable option.
- ¹⁷ MicroSD card must be formatted in FAT32 format before use. Maximum individual file size supported for read/write to the card is 4 GB.

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