



Achieve More

xTablet T8650



Powered by **MAGTEK**® **Honeywell**

xTablet T8650. Versatile, secure performance

The ultra rugged T8650, equipped with 8-inch screen for enhanced visibility is a proven performer in the field. Its light weight, balanced design makes it an excellent choice for any highly mobile workforce requiring critical functionality in a compact, easy to carry device. The newly integrated secure magstripe card reader provides next level productivity for retail and healthcare industries.



PROVEN RUGGED

Engineered for extreme durability, xTablets endure rigorous military drop testing in order to pass our stringent standards. The rugged exterior includes shock absorbing corner bumpers and ridged shell combining to offer unmatched protection in the most demanding environments.



MOUNTING

Mounting is made easy with MobileDemand's quick release snap mount system. Rugged design allows safe and secure mounting for the toughest applications including warehousing, manufacturing, construction, logistics and so much more. Built to survive the everyday bumps and bruises common to forklifts, vehicles and delivery trucks.



MSR PRODUCTIVITY

Employees equipped with a rugged MobileDemand tablet, integrated with the reliable, secure MagTek® magstripe reader (MSR) technology can engage directly with consumers and patients alike. By decreasing wait times and providing faster transactions elevates engagement, shopping experience and overall customer satisfaction.



DATA CAPTURE

Optional high performance Honeywell 2D imager offers world-class barcode scanning capabilities. HD optics allows capture of higher resolution codes and provides exceptional read range and readability. Laser aiming system improves visibility of users and the ability to read moving barcodes takes productivity to the next level in fast paced environments where data capture is critical.





Features

- IP65 Sealed
- MIL-STD 810G 5' Drop
- 4G LTE Capable
- up to 15 Hour Hot Swap Battery¹

Integration Options

- Barcode Imager
- Magnetic Stripe Reader (MSR)
- 4G LTE

Accessories

- Vehicle Dock
- Office Dock
- Scan Handle
- Direct Wiring
- Multiple Battery Charger

Warranty

The xTablet T8650 comes with a 3-year warranty that covers hardware failure when the tablet has been used as designed. In addition, MobileDemand offers extended coverage with xProtect.

xTablet T8650 Specifications

DIMENSIONS	9.16 in (W) x 5.91 in (H) x .87 in (D) 232.7 mm (W) x 150.1 (H) x 22.1 (D)
WEIGHT	1.87 lb 13.45 kg - base config
DISPLAY	8 in - 1280 (W) x 800 (H) IPS 470 nits
CPU	Intel® Atom Quad Core x5-Z8550
MEMORY	8GB LPDDR3
STORAGE	128GB
O/S	Windows 10 Enterprise IoT LTSC 2019 Windows 10 Enterprise IoT LTSC 2021
BATTERY	11,850mAh, 43Wh Up to 15 hour XL ¹ hot swappable battery,
RUGGEDIZED	MIL-STD 810G (5' drop)
Sealing	IP65 (dust and water)
Screen Protector	Oleophobic, scratch-resistant glass
Operating Temp	14° F to +122° F (-10° C to +50° C)
Storage Temp	-4° F to +140° F (-20° C to +60° C)
Operating Humidity	95% non-condensing
I/O PORTS	USB 3.0 Type A (2) HDMI Type D (Micro) 3.5mm Aux Power - DC Barrel Jack Standard SIM Card Slot (2FF) MicroSD Slot

CAMERA	Front - 2MP AF Rear - 8MP AF with flash
WIRELESS/NETWORK	
WLAN	Intel Wireless-AC 9260 (2.4/5.0 Ghz) (a/b/g/n/AC)
Bluetooth	5.1
GPS	u-blox NEO-M8N
4G LTE	Optional; Sierra Wireless EM7455
AGENCY APPROVAL	FCC, CE
SECURITY	TPM 2.0 Firmware

MSR Specifications

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READING	
Read	Bi-directional card reading
Reference Standards	ISO 7810 and ISO 7811/ AAMVA*
Tracks	Reads up to 3 tracks of data
Message Format	ASCII
Card Speed	3 to 60 ips (15.4 to 152.4 cm/s)
Reliability	1 Million swipes
SECURITY	
Key Management	DUKPT
Encryption	3DES encryption

¹Battery life varies significantly depending on settings, app usage, and other factors



Contact our sales team today | sales@mobiledemand.com | 319.363.4121
1501 Boyson Square Drive | Suite 101 | Hiawatha, Iowa 52233 | MobileDemand.com