



xTablet[®] T8650 Specifications

The xTablet T8650 is a feature-rich rugged tablet with 3D camera. It excels in applications with heavy barcode or dimensional scanning. Add on the T8650 accessories and be your most productive.

xTablet® T8650

features

- 8" - 1280x800 LCD
- Scratch-Resistant Screen
- IP65 Sealed
- MIL-STD 810G 5' Drop
- 4G LTE Capable
- Intel RealSense 3D Camera
- 8 Hour, Hot Swap Battery
- Complements xTablet T1150

Integration Options

Barcode Imager
Intel RealSense 3D Camera
4G LTE
NFC/ RFID
Fingerprint Reader

Accessories

Vehicle Dock
Office Dock
Snap Mount Rail
Scan Handle
Direct Wiring
Multiple Battery Charger
Magnetic Stripe Reader (MSR)

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.



Specifications

Physical and Environmental Characteristics

Dimensions	9.16" W x 5.91" H x .87" D (232.6 mm W x 150 mm H x 22 mm D)
Display	8" diagonal widescreen 1280 (W) x 800 (H) IPS; 370 nits
Screen Protector	Oleophobic, scratch-resistant glass
Weight	1.87 lb. (1,345 g) - base configuration
Sealing	IP65 (water and dust)
Drop / Shock	MIL-STD 810G, 516.6 IV: 26 repeated 5 foot drops
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

Performance Characteristics

Processor	Intel® Atom Quad Core x5-Z8550
System Memory	4GB RAM
Storage	64GB
Operating System	Windows 10 Professional
Touch	10-Point Project Capacitive Touch (rain drops and thin gloves)
Buttons	Barcode scan, volume +/-, power
I/O Ports	USB 3.0 (2), microHDMI, headphone
Battery System	6700mAh, 25Wh 9 hour battery, hot swappable Optional: 11,850 mAh, 43Wh XL pack, 15 hour battery
Audio	Intel HD audio, built-in digital microphone
Camera	8MP auto focus with flash (Rear-facing) 2MP (Front-facing) Optional; Intel RealSense 3D Camera (R200- long range version)
Sensors	Gyroscope, accelerometer, ambient light, proximity
Fingerprint Reader	Optional; high performance 2D barcode scanner (reads 1D and 2D)
RFID/NFC	Optional; Windows Hello compatible
Security	

Intel RealSense 3D Camera

Model	Intel® RealSense R200
Technology	Three cameras; two infrared and one RGB plus one infrared laser
Depth/ IR	640x480 resolution at 60 FPS
RGB	1080p at 30 FPS
Range	3-4 meters indoors & longer range outdoors (dependent on lighting)

Wireless & GPS Network Characteristics

WLAN	802.11 a/b/g/n/AC
Bluetooth	4.0
GPS	Included; Broadcom BCM4752
4G LTE	Optional; Sierra Wireless EM7355

Regulatory Approvals

FCC Class B, FCC/SAR, cUS, CE, CB, TUV, UL, and NOM



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