Portable Productivity.

xTablet® T8650

Scanner Handle Attachment

Feature-Rich Device for Enterprise Productivity

The xTablet T8650 lets mobile workers be more productive throughout the work day, not just because it's a rugged device, but because the features and functions available make it one of the most robust Windows tablets on the market today.

The xTablet T8650 is the first-to-market rugged tablet with an integrated 3D camera. The revolutionary, long-range HD camera "sees" like the human eye with the ability to sense depth, track human motion and calculate volume.

The ruggedized tablet comes standard with 4GB of RAM and 64GB of storage backed by an Intel Atom X5-Z8550 processor and secure, enterprise-ready Windows OS. System expansion ports include multiple USB along with a single microHDMI, both of which come with covers to protect any water, dirt or dust from penetrating the tablet. The device is IP65 sealed and meets mil specs for drops from 5 feet.

MobileDemand offers a wide range of optional features and accessories which allows IT to customize the devices for specific applications. Optional items include:
- 3D camera - Intel RealSense R200
- High performance 2D barcode scanner
- Fingerprint reader
- High capacity battery
- Bluetooth scanner handle (left)
- Vehicle / forklift mount

The device is backed by superior customer service and sales support along with a 3-year warranty.

MobileDemand

Innovation everywhere. **Productivity** anywhere.

Portable Productivity.

xTablet® T8650

- 8" 1280 x 800 LCD

- Intel® Atom Processor

- IP65 Water and Dust Proof

- MIL-STD 810G w/ 5-Foot Drop

- Intel RealSense 3D Camera

- Optional 2D Barcode Scanner

- WiFi 802.11 a/b/g/n/AC

- Bluetooth 4.0 and GPS

Windows 10

intel REALSENSE TECHNOLOGY

Options
3D camera
Vehicle mount
Desktop dock
2D barcode scanner
Scanner handle attachment
Fingerprint reader

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
Weight	1.87 lb. - base configuration (0.85kg)
Sealing	IP65
Drop / Shock	MIL-STD 810G with 5-foot drop
Operating Temp	14° F to +122° F (-10° C to +50° C)
Operating Humidity	95% non-condensing

Performance Characteristics

Processors	Intel® Atom X5-Z8550
System Memory	4GB RAM
Storage	64GB
Operating System	Windows 10 Professional
Display	1280 (W) x 800 (H) IPS; 370 nits
	10-pt touch; Glove touch; Anti-water drop
	Digitizer optional
Buttons	Volume +/-, power, barcode scanner trigger
I/O Ports	2 x USB 3.0, microHDMI, headset
Battery System	Standard: 25Wh, 6700mAH
	High Capacity: 43Wh, 11850mAH
	Hot swappable with 150mAH backup battery
Audio	Intel HD audio, built-in microphone
Camera	3D option: Intel RealSense R200 (long range version)
	8MP auto-focus camera with flash (Rear-facing)
	2MP auto-focus camera (Front-facing)
Sensors	Gyro, accelerometer, ambient light, proximity
Barcode Scanner	High performance 2D barcode imager (optional)
	Optional Bluetooth scanner handle attachment
Fingerprint Reader	Optional

3D Camera Characteristics

Model	Intel RealSense R200 (long range version)
Technology	Three cameras: Two infrared and one RGB plus one infrared laser
Active Pixels	Color: 1920x1080; Depth/IR: 640x480
Frame Rate	Color: 30 FPS; Depth/IR: 30/60 FPS
Range	Inside: 1.6 ft. - 11.5 ft. (dependent on lighting conditions)
	Outside: Up to 32 feet (dependent on lighting conditions)

Wireless & GPS Network Characteristics

WLAN	802.11 a/b/g/n/AC
Bluetooth	4.0
GPS	Included: Broadcom BCM4752
4G LTE	Sierra EM7355 (optional)