# The High Performance Mini Tablet

## xTablet® T7200

**Class 1 Division 2**

## Performance When It Counts; Even in Hazardous Environments

The Class 1 Division 2 (C1D2) certified MobileDemand xTablet T7200 combines the functionality and full Windows OS of a notebook, and the portability and data collection capabilities of a handheld for a high performance tablet experience. The N2600 Intel® Atom processor provides 2.35 times better CPU performance and 4 times better disk performance than prior generations to handle graphic and data intensive applications.

The C1D2 version of the xTablet T7200 is designed for working environments where explosive gases are present abnormally. C1D2 certification means the tablet will not create any arcs, sparks or hot surfaces, which would make the environment unsafe.

## High Performance Imager

The integrated imager contains an LED-based aimer and very high motion tolerance, allowing the user to capture bar codes at a rate much greater than traditional scanners. Also, the orientation of the bar code no longers matters as you'll be able to scan it without having to twist and turn or stop the tablet accordingly. Capture 1D and 2D bar codes, all with this incredibly efficient scanner integrated in to the C1D2 xTablet T7200.

## Easy Access to Common Access Card (CAC) Port

Secure usage with a Smart Card (CAC) reader for user identification. The C1D2 xTablet T7200 comes standard with the reader and hatch cover, located on top of the tablet. Two simple locking mechanisms provides easy access to the slot in non-hazardous areas as well as keeping it sealed from rain, snow and dust.

## Rugged, Reliable and Lower Total Cost

The xTablet T7200 is built military rugged with an IP65 sealant rating for dust and water and MIL-STD 810G drop, vibration and humidity rating, and operates in temperatures from -4F to +122F. This fully rugged tablet will provide near 100% uptime in mission critical line of business applications providing long-term savings over non-rugged devices.

**MobileDemand**

**Innovation** everywhere. **Productivity** anywhere.

Class 1 Division 2

# The High Performance Mini Tablet

## xTablet® T7200

• Class 1 Division 2 Certified

• Military Rugged Tested

• 5MP Color Camera

• Full Windows Operating System

• N2600 Atom Processor

• Premium Bar Code Scanner

• Mounts and Accessories

T · · Mobile

verizon

Sprint

### Accessories:
External 2-bay battery charger
QWERTY keyboard module
Vehicle cradle, desktop cradle
Hand strap, briefcase handle (Included)
Two and four point shoulder straps
AC & auto adapters, vehicle wiring kits
3M® Vikuiti® brand screen protector

### Automatic Data Capture
Imager / bar code scanner
Depth of field: 2" to 13" (5cm – 33cm)
Reads all major 1D/2D symbologies

### Mag Stripe Reader:
Dual & three track, bi-directional
Read standard cards: ISO'ANSI'CDL/AAMVA
USB keyboard emulation & HID capable

# Specifications

## Physical and Environmental Characteristics

| | |
|---|---|
| Dimensions | 8.8" W x 5.7" H x 1.56" D |
| | (225 mm W x 145 mm H x 39.8 mm D) |
| Display | 7.0" (178 mm) diagonal widescreen |
| Weight | 2.5 lb. (1.1 kg) - base configuration |
| Sealing | IP 65; Rain:  MIL-STD 810G, 506.5 Procedure I |
| | 4" per hour, 40psi for 10 minutes on all axes; Unit operating |
| Drop / Shock | Lightweight magnesium alloy for strength, MIL-STD 810G, 516.6 IV: |
| | 26 repeated drops to plywood over concrete from 48 inches |
| Operating Temp | -4 F to +140 F (-20 C to +60 C) |
| Storage Temp | -60 F to +160 F (-51 C to +71 C) |
| Humidity | 5% - 95% non-condensing |

## Performance Characteristics

| | |
|---|---|
| Processor | Intel® Atom N2600, 1.6 GHz |
| | I MB Cache, Dual Core |
| System Memory | 2GB DDR3 RAM 800 MHz |
| Hard Drive | Solid State Drive (mSATA), 64GB |
| Operating System | Windows® 7 Professional 32-bit |
| Display | 1024 (W) x 600 (H) (WSVGA) Color TFT (supports 1024 x 768 mode XGA) |
| | xView Hi-Brite sunlight viewable |
| | Touch Screen Standard, Digitizer optional |
| Keyboard | Full backlit numeric keypad, programmable keys |
| | Enter, Up / Down / Left / Right Navigation, |
| | Stealth, Escape, Security, Function Key, Suspend/Power |
| System Expansion (Access in non-hazardous environments) | |
| | Main slot:  Smart card reader ISO 7816 |
| | One SD card slot |
| | Surface contact docking connector |
| I/O Board Config | USB (1), Ethernet, Serial RS232 |
| Battery System (Access in non-hazardous environments) | |
| | Hot swappable dual battery packs |
| | Std. capacity Lithium Ion packs |
| | Each pack: 5200mAh, 7.2V, 37.44Wh |
| | Battery operation: Up to 10 hours |
| | External battery charging via optional desktop cradle |
| | External 2-pack battery charger (Option) |
| LED | (4) color LEDs for notification, power / charger indicator, SSD activity, wireless |
| Audio | Intel HD audio, one 1.0W speaker, mic. array |
| Camera | 5 megapixel integrated w/ LED flash |

Intel Atom

Windows 7

## Wireless & GPS Network Characteristics

| | |
|---|---|
| Wired | 10/100/1000 Ethernet network (RJ45) |
| Wireless | Intel Centrino wireless 6235 WLAN 802.11 a/b/g/n w/ Bluetooth 4.0 Class II |
| WWAN | Expansion module for USB (optional) |
| GPS | u-Blox 6 receiver |

## Docking Options
(For use in non-hazardous environments)

| | |
|---|---|
| Desktop Cradle | USB (4), Serial, Ethernet (RJ-45), VGA, 2 slot battery charging |
| Vehicle Cradle | Durable, key lock, USB (2), Serial, VGA, Power |

## Regulatory Approvals

Class 1 Division 2, FCC Class B , FCC/SAR, cUS, CE, CB, TUV, UL, NOM