

MIL-STD  
810G

IP65

CIZ2  
ATEX



## X SLATE™

# D10 FULLY RUGGED TABLET PC

### PRODUCT SPECIFICATIONS

#### FULLY RUGGED

- Magnesium Alloy Midframe
- MIL-STD-810G and IP65 Tested
- Elastomer Bumpers (Protected Glass/Touch Screen)
- Multiple 5' Drops

#### PROCESSOR

- Intel® Atom™ E3845 Quad Core 1.91 GHz Processor

#### OPERATING SYSTEM

- Android™ 5.1, Lollipop

#### DISPLAY

- 10.1" WXGA (1366 x 768) Rugged IPS LED Backlit Display
- 500 NITs Direct Bonded Screen
- 178° Viewing Cone (89° Off-Axis)
- Chemically Strengthened Glass
- Contrast Ratio: 800:1; Aspect Ratio: 16:9
- Ambient Light Sensor (ALS)
- 10-Finger Multi-Touch, Glove Touch

#### GRAPHICS

- Intel® HD Graphics (Gen 7)

#### MEMORY

- 4 GB DDR3L 1333 MHz

#### STORAGE OPTIONS

- Standard 64 GB SSD
- Expandable via Micro SDXC Slot

#### BATTERY LIFE

- Up to 8 Hour Battery Life (39.2 Whr, Single Battery)
- Hot Swappable External 2nd Battery
- Up to 14 Hour Battery Life (31.1 Whr, Dual Battery)
- Up to 20 Hour Battery Life (59.2 Whr, Dual Battery)

#### INTEGRATED COMMUNICATIONS

- Wireless LAN: 802.11ac
- Broadband: 4G LTE (Optional)
- GPS: Dedicated, Standard, 2.5m Accuracy
- Bluetooth® 4.0
- LAN: 10/100/1000 Gigabit Ethernet (RJ-45)

#### SECURITY

- Kensington® Cable Lock Slot
- Integrated Trusted Platform Module - TPM 1.2

#### COLLABORATION

- Integrated Speaker and Microphone
- Integrated Rear 5 Megapixel Camera with Flash
- Integrated Front 2 Megapixel 1080p HD Webcam

#### PORTS

- DC Power
- 2 x USB 3.0 Ports
- Micro SDXC
- Micro HDMI-out
- Micro SIM Card Reader
- Headphones/Speaker Mini-Jack Stereo, Smart Phone Headphone Compatible

#### OPTIONAL EXPANSION\*

- NFC
- 1D/2D Barcode Scanner
- HDMI-input

#### DIMENSIONS/WEIGHT

- 11.05" (28.1 cm) x 7.07" (18.0 cm) x 0.86" (2.2 cm) (W x H x D)
- Starting at 2.4 lbs (1.09 kg)

#### STATUS INDICATORS

- Power/Battery Status, Camera Active

#### POWER SUPPLY

- Input Voltage: 19V with AC Adapter
- Supports 12~20V Input DC on Tablet

#### SOFTWARE

- Touch Mode Switcher (Glove Touch Mode)

\* Expansion Options Are Mutually Exclusive

Model: iX101B1

## ENVIRONMENTAL

- Tested to MIL-STD-810G Standards
- **Operating Temperature:** -34 °C to 60 °C / -30 °F to 140°F
- **Cold Start:** -20 °C / -4 °F
- **Storage Temperature:** -30 °C to 70 °C / -22 °F to 158°F
- **Transit Drop - Operating:** 5' (1.52 M) Drop Direct to Plywood over Concrete while System is Operating, 26 Drops
- **Vibration:** Minimum Integrity Non-operating, US Highway Truck and Composite Wheel Operating
- **Shock:** 40G Operating
- **Humidity:** 23 °C to 60 °C / 73 °F to 140 °F, 95% Non Condensing, 10 Days
- **Natural Cycle Humidity:** Fig 507.5-6, Non Hazardous B3 Class, 30 Days
- **Water Proofness:** Fig 506.5, 140L/hr, per sq/m, 15 Minutes
- **Wind Driven Rain:** Fig 506.5, 40 MPH Wind, 30 Minutes Per Side
- **Blowing Sand:** 20M/S, rate 1.1g/m3 (+/- .3g) at High Temperature of 60 °C
- **Blowing Dust:** Velocity 8.9M/s Dust Concentration 3.9 g/m3 at High Temperature of 60 °C
- **Temperature Shock:** -30 °C to 70 °C / -22 °F to 158 °F within 5 Minutes
- **Explosive Atmosphere:** Method 511.5, @60 °C, 20,000ft, 10,000ft, and 5,000ft
- **Contamination by Fluids:** 50/50 Solution of Water and Bleach, 50/50 Solution of Water and Hydrogen Peroxide, Diesel Fuel, Mineral Based Oil, Lysol Disinfectant, Denatured Alcohol, Isopropyl Alcohol
- **Altitude:** 40,000 Ft (12,192 M) Operating, 50,000 ft 15,240m) Non Operating

## IEC INGRESS TESTING

- IEC (60529) Ingress Tested to IP65

## EMISSIONS & IMMUNITY

- **Tested to:** MIL-STD-461F
- **Immunity:** CISPR 24, EN55024 (US, CAN, EU)
- **Emissions:** EN55022, CISPR 22, CFR47 Part 15, Subpart B, ICES-003 for Class B (US, CAN, EU)
- **MIL-STD 464C:** HERO, Safe Separation Distance = 0 ft
- **Safety:** CB Scheme, IEC 60950 (US, CAN, EU), UL60079-0: 2013, UL60079-11: 2013 R3.14, CAN/CSA-C22.2 No. 60079-0: 11, CAN/CSA-C22.2 No. 60079-11: 14, UL Class I Zone 2, A, B, C, D (US, CAN), ATEX Zone 2

## ENVIRONMENT

- **ROHS, Recycling Program:** <http://www.xploretch.com/environment/recycle>
- Energy Star 6.1
- CEC, Regulatory Bulletin No. 110915.02B (BCS), ERP Directive

## WARRANTY

- Standard 3 Year Limited Warranty
- Extended Warranty & xDefend Programs Available Please Contact Sales or Visit [http://www.xploretch.com/support/warranty\\_service](http://www.xploretch.com/support/warranty_service) for Further Information

## PERIPHERALS AND DOCKING

- G2 Vehicle Dock - IP55 Water and Dust-Resistant (12V compatible)
- Industrial Dock
- 2-bay and 6-bay Battery Charging Stands

## ACCESSORIES

- Handle/Shoulder Strap with Pen and Tether
- Rotating Handstrap
- Kickstand
- Companion Keyboard
- Armortech Screen Protector
- External Battery Brackets, External 2nd Batteries
- 12-16V Input, 19V Output DC-DC Converter (Cigarette Lighter Adapter)
- 12-32V Input, 19V Output DC-DC Converter (Heavy Duty Cigarette Lighter Adapter)
- 18 - 60V Input, 13.8 V Output DC - DC Converter, Direct Wire



The Intel® Atom™ processor delivers outstanding computing, graphical, and media performance while operating in an extended range of thermal conditions.