XPLORE™

XSLATE™
B10 FULLY RUGGED TABLET PC

MIL-STD 810G

IP65

CID2 ATEX Certified

PRODUCT SPECIFICATIONS

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

PROCESSOR
- Intel® Core™ i5-5350U Processor 1.8 GHz (2.9 GHz Turbo) with vPro™ Technology

OPERATING SYSTEMS
- Windows® 10 Pro 64-bit
- Windows® 8.1 Pro 64-bit*
- Windows® 7 Professional 64-bit*
  - *available thru Windows 10 downgrade*

DISPLAY
- 10.1" WXGA (1366 x 768) Rugged IPS LED Backlit Display
- 500 NITs Direct Bonded Screen
- 178° Viewing Cone (89° Off-Axis)
- Contrast Ratio: 800:1; Aspect Ratio: 16:9
- Ambient Light Sensor (ALS)
- 10-Finger Capacitive Touch Input with Glove and Wet Modes
- Pen Input based on Wacom Technology

GRAPHICS
- Intel® Integrated HD 6000 Graphics

MEMORY
- 8 GB DDR3L 1600

STORAGE OPTIONS
- Standard 128 GB SSD
- Up to 256 GB SSD

BATTERY LIFE
- Up to 8 Hour Battery Life (5300 mAhr, 39.2 Whr, Single Battery)
- Up to 20 Hour Battery Life (8000 mAhr, 59.2 Whr, Dual Battery)
- Hot Swappable External Battery

INTEGRATED COMMUNICATIONS
- Wireless LAN: 802.11ac
- Broadband: 4G LTE (Optional)
- GPS: Integrated, 2.0m Accurate Satellite
- Bluetooth® 4.0
- LAN: 10/100/1000 Gigabit Ethernet (RJ-45)

SECURITY
- Integrated Trusted Platform Module - TPM 2.0
- Kensington® Cable Lock Slot (Optional when Using Top Handle)
- CAC Reader Module (Optional)

COLLABORATION
- Integrated Speaker and Dual Microphones
- Integrated Rear 8 Megapixel Camera with Flash
- Integrated Front 1080P FHD Webcam
- Integrated Fingerprint Scanner
- NFC (Optional)
- 1D/2D Barcode Scanner (Optional)

PORTS
- DC Power
- 2 x USB 3.0 Ports
- Micro SDXC
- Micro HDMI-out
- Micro SIM Card Reader
- RS232 True Serial Ready Port
- Stereo Headphones/Mic Mini-Jack, Smart Phone Headphone Compatible
- HDMI Input (Optional)

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, HDD Activity

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

SOFTWARE

- xCapture Pro
- Panel Control Center
- Bios Setup Utility
- Touch Mode Switcher (Wet and Glove touch modes)
- Sierra Wireless Skylight
- Validity Finger Print Manager App
- Ublox u-Center
- Wacom Pen App
- Screen rotate
- PC info

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 $1.1g/m^3$ (+/-.3g) at High Temperature of 60 °C
- **Blowing Dust:** Velocity 8.9M/s Dust Concentration 3.9 g/m^3 at High Temperature of 60 °C
- **Vibration:** Minimum Integrity, Vehicle Vibration, US Highway Truck Vibration
- **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 an IP65 Standard

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), CEC, Regulatory Bulletin No. 110915.02B (BCS), ERP Directive
- **Safety:** CB Scheme, IEC 60950 (US, CAN, EU), ANSI/ISA 12.12.01 Class I Div 2, A, B, C, D (US, CAN), ATEX

ENVIRONMENT

- ROHS, Recycling Program: https://www.xploretech.com/about-us/environment/
- Energy Star 6.1

WARRANTY

- Standard 3 Year Limited Warranty
- Extended Warranty & xDefend Programs Available. Please Contact Sales or Visit https://support.xploretech.com/support/warranties for Further Information.

PERIPHERALS AND DOCKING

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

ACCESSORIES

- Handle/Shoulder Strap with Pen and Tether
- Handstrap
- Kickstand
- Companion Keyboard
- True Serial Cable
- Armortech Screen Protector
- External Battery Brackets, External Battery
- 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® Core™ vPro™ processor is designed to strengthen security across the enterprise.