

MIL-STD
810G

IP65



XPLORE™ BOBCAT

PRODUCT SPECIFICATIONS

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|--------------------------|--|--------------------------------|--|
| PROCESSOR / CACHE | <ul style="list-style-type: none"> Intel® Atom™ E3845 Quad Core 1.91 GHz | STATUS INDICATORS | <ul style="list-style-type: none"> Power, Charge/DC-in, camera active |
| OPERATING SYSTEM | <ul style="list-style-type: none"> Windows® 10 / 8.1 Professional, 64-Bit Windows® 7 Professional, 64-Bit | EXPANSION OPTIONS | <ul style="list-style-type: none"> 1D/2D barcode scanner CAC/smartcard reader NFC Fingerprint scanner |
| DURABILITY | <ul style="list-style-type: none"> MIL-STD-810G IP65 (Water, dust and splash resistant) Magnesium Chassis / Industrial Strength Frame | SECURITY | <ul style="list-style-type: none"> Kensington® Cable Lock Slot Integrated trusted platform module - TPM 1.2 CAC reader module (Optional) |
| DISPLAY | <ul style="list-style-type: none"> 10.1" WXGA (1366 x 768) Rugged IPS LED backlit display 500 NITS direct bonded screen Contrast Ratio: 800:1; aspect ratio: 16:9 178° viewing cone (89° Off-Axis) Chemically strengthened glass Ambient Light Sensor (ALS) 10-Finger multi-touch, glove touch Intel® Integrated Mobile Graphics (Gen 7) | DIMENSIONS & WEIGHT | <ul style="list-style-type: none"> 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) |
| SYSTEM MEMORY | <ul style="list-style-type: none"> 4 GB DDR3L 1333 MHz | BATTERY | <ul style="list-style-type: none"> 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) |
| SYSTEM STORAGE | <ul style="list-style-type: none"> 128 GB SSD standard, 256 GB SSD optional | POWER SUPPLY | <ul style="list-style-type: none"> Input Voltage: 19V with AC adapter Supports 12~20V input DC on tablet |
| COMMUNICATIONS | <ul style="list-style-type: none"> Wireless LAN: 802.11ac Broadband: 4G LTE (Optional) GPS: Integrated, 2.5m accuracy Bluetooth® 4.0 LAN: 10/100/1000 gigabit Ethernet (RJ-45) | WARRANTY | <ul style="list-style-type: none"> Standard 3 Year Limited Warranty Extended warranty & xDefend programs available. |
| COLLABORATION | <ul style="list-style-type: none"> Integrated Rear 5 megapixel camera with flash Integrated front 720p HD webcam Integrated speaker and microphone | SOFTWARE | <ul style="list-style-type: none"> Touch mode switcher (Glove Touch Mode) xCapture imaging software |
| I/O PORTS | <ul style="list-style-type: none"> 2 x USB 3.0 Ports Micro SDXC Micro HDMI-out Micro SIM card reader RS232 serial ready port Headphones/Speaker mini-jack stereo Smartphone headphone compatible DC Power | | |

RUGGED TESTING

- Magnesium Alloy Midframe
- MIL-STD-810G and IP65 tested
- IEC (60529) Ingress Tested to IP65
- Elastomer bumpers (Protected Glass/Touch Screen)
- Transit Drop - operating: 5' (1.52 M) drop direct to plywood over concrete while system is operating, 26 drops
- Blowing Sand and Dust: 30 MPH wind, 30 minutes
- 4' (1.21M) drop direct to plywood over concrete while system is operating, with any installed accessory
- Vibration: minimum integrity, vehicle vibration, US highway truck vibration
- Functional Shock: 20G operating, 40G non-operating
- Water Proofness: dripping rain, 1m, 15 minutes
- Blowing Rain: 4"/Hour (101.6 mm/Hour), 40 MPH Wind, 30 minutes per side
- Explosive Atmosphere: C1Z2 / ATEX compliant

ENVIRONMENTAL

- Tested to MIL-STD-810G standards
- **Operating temperature:** -20°C to 60°C / -4°F to 140°F
- **Storage temperature:** -30°C to 70°C / -22°F to 158°F
- **Cold Start:** -20°C / -4°F operating
- **Humidity:** 95% non-condensing
- **Altitude:** 40,000 Ft (12,192 M) operating

REGULATORY

- EMISSIONS & IMMUNITY

- Immunity: CISPR 24, EN55024 (U.S., CAN, EU)
- Emissions: EN55022, CISPR 22, CFR47 Part 15, Subpart B, ICES-003 for Class B (U.S., CAN, EU), CEC, Regulatory Bulletin No. 110915.02B (BCS), ERP Directive
- Safety: CB Scheme, IEC 60950 (U.S., CAN, EU), UL 60079-0 and UL 60079-11 Class 1 Zone 2, A, B, C, D; T5 (U.S., CAN), ATEX

- ENVIRONMENTAL

- ROHS, Recycling Program