

MIL-STD
810G

IP65



XPLORE™

BOBCAT

PRODUCT SPECIFICATIONS

PROCESSOR / CACHE	Intel® Atom™ E3845 Quad Core 1.91 GHz	STATUS INDICATORS	Power, Charge/DC-in, camera active
OPERATING SYSTEM	- Windows® 10 / 8.1 Professional, 64-Bit - Windows® 7 Professional, 64-Bit	EXPANSION OPTIONS	1D/2D barcode scanner - CAC/smartcard reader
DURABILITY	- MIL-STD-810G - IP65 (Water, dust and splash resistant) - Magnesium Chassis / Industrial Strength Frame	SECURITY	- Kensington® Cable Lock Slot - Integrated trusted platform module - TPM 1.2 - CAC reader module (Optional)
DISPLAY	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	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	4 GB DDR3L 1333 MHz	BATTERY	- 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	128 GB SSD standard, 256 GB SSD optional	POWER SUPPLY	- Input Voltage: 19V with AC adapter - Supports 12~20V input DC on tablet
COMMUNICATIONS	- 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	- Standard 3 Year Limited Warranty - Extended warranty & xDefend programs available.
COLLABORATION	- Integrated Rear 5 megapixel camera with flash - Integrated front 720p HD webcam - Integrated speaker and microphone	SOFTWARE	- Touch mode switcher (Glove Touch Mode) - xCapture imaging software
I/O PORTS	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:** -34°C to 60°C / -30°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