DURABOOK
ANYTIME MISSION CALLS

MIL-STD 810G 6 ft Drop · **MIL-STD 461G** · **IP65** · **EPEAT GOLD** · **ANSI/ISA 12.12.01 C1D2** · **Green Design** · **3 Year Standard Warranty**

U11 I

THE FIRST ALL-INCLUSIVE COMPACT RUGGED TABLET

Making impossible choices between mutually exclusive I/O and devices is a thing of the past.
U11 I has it all. Under the extremely compact and rugged exterior, U11 I has unprecedented amount of built-in features and generous space for further expansion.
Running on Intel® 7th Gen CPU with its unique fan-less design, U11 I provides the perfect blend of functions, performance and reliability.
For field operatives everywhere, the next generation of rugged mobile solution has arrived.

FULLY RUGGED FEATURES

- MIL-STD 810G : IP65, 72 inch drop, Vibration.
- MIL-STD 461G
- C1D2
- Operating temperature : -20°C to 60°C, storage : -40°C to 71°C.
- Sunlight-readable display, optional digitizer with stylus.
- Touch panel support finger/water, glove, and stylus modes.
- Fanless design

BUILT-IN FUNCTIONS

- Built-in MicroSD Card Reader
- Built-in LAN port
- Built-in Smart Card Reader (optional)
- Built-in Fingerprint Scanner (optional)
- Quick Release SSD
- Stealth / Night Vision Mode
- TPM 2.0

THIN, LIGHT AND DURABLE

- Only 23.8 mm in height and 1.39 kg in weight.
- Designed with aluminum-magnesium alloy chassis cover.
- Main Battery provided up to 8hrs battery life.
- Bridge Battery designed for main battery hot swap purpose.

SUITABLE FOR INDUSTRIAL APPLICATIONS

- Military / Defence
- Public Safety
- Field Service
- Petrochemical / Oil & Gas / Food Processing
- Industrial Applications

CE · **CSA c us** · **WEEE** · **FC** · **ENERGY STAR** · **ERP** · **RoHS REACH**

U11 I is X11BK's Offical MKT name.

Specifications

Rugged Features

- **MIL-STD 810G**

Altitude-Storage
Method 500.6, Procedure I, 40000 ft
Altitude-Operating
Method 500.6, Procedure II, 40000 ft
High Temperature-Storage
Method 501.6, Procedure I, 33°C ~ 71°C
High Temperature-Operating
Method 501.6, Procedure II, 60°C
Low Temperature-Storage
Method 502.6, Procedure I, - 46°C
Low Temperature-Operating
Method 502.6, Procedure II, - 37°C (AC mode)
Temperature Shock
Method 503.6, Procedure I, from - 40°C ~ 71°C, 3 cycles
Rain-Blowing Rain ; Rain Drip
Method 506.6, Procedure I, total 6 surfaces;
Method 506.6, Procedure III
Humidity-Operating
Method 507.6, Procedure I, relative humidity of 95%,
Cycel B1, Induced 90 days + Natural 45 days
Blowing Dust
Method 510.6, Procedure I, 60°C
Blowing Sand
Method 510.6, Procedure II, 60°C
Explosive Atmosphere
Method 511.6, Procedure I, 60°C
Vibration-General Vibration Operating
Method 514.7, Procedure I, Category 24, Fig. 514.7E-1
Functional Shock
Method 516.7, Procedure I, 40G, 11ms
Method 516.7, Procedure V, 75G, 6ms
Transit Drop
Method 516.7, Procedure IV, 26 drops from 72 inch height
onto 2in plywood
Freeze/Thaw
Method 524.1, Procedure III
- **Water Sealing**
IEC 60529 IP-X5
- **Dust Proof**
IEC 60529 IP-6X
- **MIL-STD 461G**
Meet MIL-STD-461G: CE102, RE102, CS101, CS114,
CS115, CS116, RS103
- **ANSI/ISA 12.12.01(C1D2)**

Environment

- Temperature
  Operating : - 20°C ~ 60°C (with wilde-temp.SSD / AC mode)
  Storage : - 40°C ~ 71°C
- Humidity
  Operating : 5% ~ 95%

Operating System

- Windows® 10 Pro 64-bit

CPU

- Intel® 7th Generation Kaby Lake -Y series

Memory

- Onboard LPDDR3, 4GB/8GB/16GB

Storage

- Easy Removable M.2 SSD, 128GB/256GB/512GB/1TB[1]

BIOS&PMU

- UEFI Security Boot Function&Power Management Menu

Display

- 11.6" FHD (1920 x 1080) LCD
- Capacitive Multi-Touch Panel
- Sunlight-Readable Display 1000 nits[1]
- Digitizer with Stylus for Sunlight-Readable Display[1]
- Built-in Ambient Light Sensor
- Auto Rotation (Nine Axis Motion Sensor)

Audio

- Intel® High Definition Audio
- Two 1.5KHz / 70dB Speakers

Camera

- Front: Integrated 2MP Webcam
- Rear: Integrated 8MP auto-focus with flash

Communication

- One Integrated Gigabit Ethernet with RJ45
- Intel® Dual Band Wireless AC9260 (WLAN 2x2 a/b/g/n/AC) / Bluetooth 5.0
- WWAN M2 module[1]
- Dedicate GPS module (W/u-Blox NEO M8N solution)[1,2]

Security

- Kensington Lock
- TPM 2.0
- Smart Card Reader[1]
- Easy Removable SSD
- Stealth Mode / Night Vision Mode
- RFID Reader[1,3]
- Intel® vPro™ Technology[1]
- Fingerprint Scanner[1]

Buttons

- Power ON / OFF Button
- UP and DOWN Button (+ / -)
- Two Programmable Buttons (P1 / P2)

Expansion Modules

- One PCMCIA type II or Express Card 54 or RFID[1,3]

I/O Ports

- One USB 3.0
- One USB 2.0 or RS232 port or Barcode Scanner[1]
- One SD Card Reader (support mirco-SDXC)
- One Combo jack for Headphone and Microphone
- One RJ-45 jack
- One MiniDP port (or One HDMI port)[1,4]
- One DC-in
- One Docking connector
- Three RF Pass-thru connectors for WWAN and WLAN and GPS[1]

Battery

- Main Battery:
  2-Cell Li-Polymer 4800 mAh, Hot Swappable, 8 hrs[5]
- Bridge Battery:
  1-Cell Li-Polymer 1100 mAh, Fixed, 5 mins[1,5]

AC Adaptor

- 100V-240V, 50Hz-60Hz / 19V, 65W

Dimension

- 317 mm (L) x 215 mm (W) x 23.8 mm (H)[6]

Weight

- 1.39 kg / 3.0 lb[6]

1. Optional items.
2. GPS Antenna supports GPS&GLONASS only, other needs by customize request.
3. The items are mutually exclusive module and by request.
4. By customize project request.
5. Battery life may vary with the product configurations, settings, usage patterns, and operating environment.
6. Actual dimension and weight may vary with different configurations.

Accessories (Optional)

- Car Adapter
- Office Dock
- Keyboard
- Folio Case
- Rotate strap

- Shoulder Strap
- Handle
- Battery Charger
- Digitizer Pen
- Vehicle Dock
- Hand Dock

2 bays / 8 bays

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U11 I is X11BK's Offical MKT name.
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