



## 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



# Specifications

Rugged Features	<ul style="list-style-type: none"> <li>■ MIL-STD 810G                     <ul style="list-style-type: none"> <li>Altitude-Storage Method 500.6, Procedure I, 40000 ft</li> <li>Altitude-Operating Method 500.6, Procedure II, 40000 ft</li> <li>High Temperature-Storage Method 501.6, Procedure I, 33°C ~ 71°C</li> <li>High Temperature-Operating Method 501.6, Procedure II, 60°C</li> <li>Low Temperature-Storage Method 502.6, Procedure I, - 46°C</li> <li>Low Temperature-Operating Method 502.6, Procedure II, - 37°C (AC mode)</li> <li>Temperature Shock Method 503.6, Procedure I, from - 40°C ~ 71°C, 3 cycles</li> <li>Rain-Blowing Rain ; Rain Drip Method 506.6, Procedure I, total 6 surfaces; Method 506.6, Procedure III</li> <li>Humidity-Operating Method 507.6, Procedure I, relative humidity of 95%, Cyclc B1, Induced 90 days + Natural 45 days</li> <li>Blowing Dust Method 510.6, Procedure I, 60°C</li> <li>Blowing Sand Method 510.6, Procedure II, 60°C</li> <li>Explosive Atmosphere Method 511.6, Procedure I, 60°C</li> <li>Vibration-General Vibration Operating Method 514.7, Procedure I, Category 24, Fig. 514.7E-1</li> <li>Functional Shock Method 516.7, Procedure I, 40G, 11ms Method 516.7, Procedure V, 75G, 6ms</li> <li>Transit Drop Method 516.7, Procedure IV, 26 drops from 72 inch height onto 2in plywood</li> <li>Freeze/Thaw Method 524.1, Procedure III                             <ul style="list-style-type: none"> <li>■ Water Sealing IEC 60529 IP-X5</li> <li>■ Dust Proof IEC 60529 IP-6X</li> <li>■ MIL-STD 461G Meet MIL-STD-461G: CE102, RE102, CS101, CS114, CS115, CS116, RS103</li> <li>■ ANSI/ISA 12.12.01(C1D2)</li> </ul> </li> </ul> </li> </ul>
Environment	<ul style="list-style-type: none"> <li>■ Temperature                     <ul style="list-style-type: none"> <li>Operating : - 20°C ~ 60°C (with wilde-temp.SSD / AC mode)</li> <li>Storage : - 40°C ~ 71°C</li> </ul> </li> <li>■ Humidity                     <ul style="list-style-type: none"> <li>Operating : 5% ~ 95%</li> </ul> </li> </ul>
Operating System	<ul style="list-style-type: none"> <li>■ Windows® 10 Pro 64-bit</li> </ul>
CPU	<ul style="list-style-type: none"> <li>■ Intel® 7th Generation Kaby Lake -Y series</li> </ul>
Memory	<ul style="list-style-type: none"> <li>■ Onboard LPDDR3, 4GB/8GB/16GB</li> </ul>
Storage	<ul style="list-style-type: none"> <li>■ Easy Removable M.2 SSD, 128GB/256GB/512GB/1TB<sup>1</sup></li> </ul>
BIOS&PMU	<ul style="list-style-type: none"> <li>■ UEFI Security Boot Function&amp;Power Management Menu</li> </ul>

Display	<ul style="list-style-type: none"> <li>■ 11.6" FHD (1920 x 1080) LCD</li> <li>■ Capacitive Multi-Touch Panel</li> <li>■ Sunlight-Readable Display 1000 nits<sup>1</sup></li> <li>■ Digitizer with Stylus for Sunlight-Readable Display<sup>1</sup></li> <li>■ Built-in Ambient Light Sensor</li> <li>■ Auto Rotation (Nine Axis Motion Sensor)</li> </ul>
Audio	<ul style="list-style-type: none"> <li>■ Intel® High Definition Audio</li> <li>■ Two 1.5KHz / 70dB Speakers</li> </ul>
Camera	<ul style="list-style-type: none"> <li>■ Front: Integrated 2MP Webcam</li> <li>■ Rear: Integrated 8MP auto-focus with flash</li> </ul>
Communication	<ul style="list-style-type: none"> <li>■ One Integrated Gigabit Ethernet with RJ45</li> <li>■ Intel® Dual Band Wireless AC9260 (WLAN 2x2 a/b/g/n/AC) / Bluetooth 5.0</li> <li>■ WWAN M2 module<sup>1</sup></li> <li>■ Dedicate GPS module (W/u-Blox NEO M8N solution)<sup>1,2</sup></li> </ul>
Security	<ul style="list-style-type: none"> <li>■ Kensington Lock</li> <li>■ TPM 2.0</li> <li>■ Smart Card Reader<sup>1</sup></li> <li>■ Easy Removable SSD</li> <li>■ Stealth Mode / Night Vision Mode</li> <li>■ RFID Reader<sup>1,3</sup></li> <li>■ Intel® vPro™ Technology<sup>1</sup></li> <li>■ Fingerprint Scanner<sup>1</sup></li> </ul>
Buttons	<ul style="list-style-type: none"> <li>■ Power ON / OFF Button</li> <li>■ UP and DOWN Button (+ / -)</li> <li>■ Two Programmable Buttons (P1 / P2)</li> </ul>
Expansion Modules	<ul style="list-style-type: none"> <li>■ One PCMCIA type II or Express Card 54 or RFID<sup>1,3</sup></li> </ul>
I/O Ports	<ul style="list-style-type: none"> <li>■ One USB 3.0</li> <li>■ One USB 2.0 or RS232 port or Barcode Scanner<sup>1</sup></li> <li>■ One SD Card Reader (support micro-SDXC)</li> <li>■ One Combo jack for Headphone and Microphone</li> <li>■ One RJ-45 jack</li> <li>■ One MiniDP port (or One HDMI port)<sup>1,4</sup></li> <li>■ One DC-in</li> <li>■ One Docking connector</li> <li>■ Three RF Pass-thru connectors for WWAN and WLAN and GPS<sup>1</sup></li> </ul>
Battery	<ul style="list-style-type: none"> <li>■ Main Battery: 2-Cell Li-Polymer 4800 mAh, Hot Swappable, 8 hrs<sup>5</sup></li> <li>■ Bridge Battery: 1-Cell Li-Polymer 1100 mAh, Fixed, 5 mins<sup>1,5</sup></li> </ul>
AC Adaptor	<ul style="list-style-type: none"> <li>■ 100V-240V, 50Hz-60Hz / 19V, 65W</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>■ 317 mm (L) x 215 mm (W) x 23.8 mm (H)<sup>6</sup></li> </ul>
Weight	<ul style="list-style-type: none"> <li>■ 1.39 kg / 3.0 lb<sup>6</sup></li> </ul>

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



2 bays / 8 bays

■ Digitizer Pen



■ Vehicle Dock

■ Hand Dock

