



# U111 Tablet

Built for All. All in One.

- 11.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- Multiple I/O options for various applications
- 20 hrs. Hi-Cap hot-swappable battery
- Fanless and quick-release SSD design
- 10-point capacitive multi-touch panel with four touch modes



**Dyna**  
Vue

<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>• MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Salt Fog)</li> <li>• MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)</li> <li>• Optional ANSI/UL 121201, Class I, Division 2</li> <li>• 6' drop 26 faces</li> <li>• IP 66 certified</li> <li>• Magnesium alloy chassis</li> <li>• Port covers</li> <li>• Optional sunlight readable display</li> <li>• Optional swappable battery technology</li> </ul>
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<b>OPERATING SYSTEM</b>	Windows® 11 Pro 64-bit
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<b>PROCESSORS</b>	<ul style="list-style-type: none"> <li>• Intel® Core™ i7-1250U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.7 GHz, 2P+8E cores)</li> <li>• Intel® Core™ i5-1230U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.4 GHz, 2P+8E cores)</li> </ul>
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<b>GRAPHICS</b>	Intel® Iris® Xe Graphics
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<b>MEMORY</b>	Onboard 8GB up to 32GB (LPDDR4x)
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<b>STORAGE</b>	256GB NVME PCIE SSD <ul style="list-style-type: none"> <li>• Optional 512GB/1TB/2TB PCIE SSD</li> <li>• Optional OPAL 2.0 SSD</li> </ul>
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<b>DISPLAY</b>	11.6" FHD (1920 x 1080) <ul style="list-style-type: none"> <li>• Optional 1000 nits DynaVue® sunlight readable display with capacitive multi-touch screen</li> <li>• Optional with digitizer</li> <li>• User selectable touch mode for Finger/Water, Glove or Stylus programmable function</li> </ul>
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<b>AUDIO</b>	<ul style="list-style-type: none"> <li>• Integrated microphone</li> <li>• Intel® High Definition Audio Compliant</li> <li>• Integrated speaker x 2</li> </ul>
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<b>CAMERA</b>	<ul style="list-style-type: none"> <li>• Integrated 2.0 MP front-facing camera</li> <li>• Optional 11 MP auto-focus rear camera with flash</li> <li>• Optional 5.0 MP IR camera for Windows Hello</li> </ul>
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<b>KEYBOARD &amp; INPUT</b>	5 buttons (2 user-definable keys)
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<b>COMMUNICATIONS</b>	<ul style="list-style-type: none"> <li>• Integrated 10/100/1000 Ethernet</li> <li>• Intel® Wi-Fi 6E AX211 (802.11ax)</li> <li>• Bluetooth® V5.3</li> <li>• Optional dedicated GPS module (UBLOX-NEO-M9N)<sup>1</sup></li> <li>• Optional 4G LTE multi-carrier mobile broadband<sup>1</sup></li> <li>• Optional 5G (project based)<sup>1</sup></li> <li>• Optional RF antenna pass-through for GPS, WWAN, and WLAN</li> </ul>
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<b>SECURITY</b>	<ul style="list-style-type: none"> <li>• Intel® vPro™ Technology</li> <li>• Secured-Core PC<sup>2</sup></li> <li>• TPM 2.0</li> <li>• NIST BIOS compliant</li> <li>• Easy removable SSD</li> <li>• Stealth mode</li> <li>• Kensington lock</li> <li>• Optional smart card reader x 1 or x 2<sup>2,3</sup></li> <li>• Optional Windows Hello</li> <li>• Optional night vision mode<sup>4</sup></li> <li>• Optional fingerprint scanner</li> <li>• Optional LF/HF-RFID (NFC) reader<sup>2,3</sup></li> </ul>
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<b>I/O INTERFACES</b>	<ul style="list-style-type: none"> <li>• Thunderbolt 4 x 1</li> <li>• USB 3.2 Gen1 (type A) x 1</li> <li>• Audio in/out (combo jack) x 1</li> <li>• microSD card (microSDHC, microSDXC) x 1</li> <li>• 10/100/1000 Ethernet (RJ45) x 1</li> <li>• Docking connector (20-pin Pogo) x 1</li> <li>• Nano SIM card x 1</li> <li>• DC-In jack x 1</li> <li>• Optional smart card reader x 1 or x 2<sup>2,3</sup></li> <li>• Optional USB 3.2 Gen2 (type C) x 1<sup>5</sup></li> <li>• Optional 2nd USB 3.2 Gen1 (type A) x 1<sup>5</sup></li> <li>• Optional USB 2.0 (type A) x 1<sup>5</sup></li> <li>• Optional serial port (RS232, 422 and 485 : D-sub,9-pin) x 1<sup>5</sup></li> <li>• Optional 1D/2D barcode reader x 1<sup>5</sup></li> <li>• Optional RF antenna pass-through for GPS, WWAN and WLAN</li> </ul>
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<b>EXPANSION SLOT</b>	Optional ExpressCard 54 or LF/HF-RFID (NFC) or 2nd smart card reader <sup>3</sup>
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<b>POWER</b>	AC adapter : 100-240V, 50Hz-60Hz, 65W Main battery: Li-Ion, 7.6V, 4800mAh, 10 hours <sup>6</sup> <ul style="list-style-type: none"> <li>• Optional hi-cap battery Li-Ion 7.6V, 9600mAh, 20 hours<sup>6</sup></li> <li>• Optional bridge battery : 5 minutes swap time<sup>7</sup></li> </ul>
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<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Temperature               <ul style="list-style-type: none"> <li>Operating : - 20°C ~ 60°C / - 4°F ~ 140°F</li> <li>Storage : -51°C ~ 71°C / -60°F ~ 160°F</li> </ul> </li> <li>• Humidity : 5% ~ 95%</li> </ul>
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<b>DIMENSION &amp; WEIGHT</b>	<ul style="list-style-type: none"> <li>• 317 mm (L) x 215 mm (W) x 23.8 mm (H)</li> <li>• 1.39 kg</li> </ul>
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<b>WARRANTY</b>	3-year limited warranty standard
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1. Dedicated GPS with 4G LTE and 5G are mutually exclusive options.
2. Contact your sales representative for feature availability.
3. ExpressCard 54, RFID and 2nd smart card reader are mutually exclusive options.
4. Night vision mode is available only for sunlight readable display.
5. USB 3.2 type C, 2nd USB 3.2, USB 2.0, RS232 or 1D/2D barcode reader are mutually exclusive options. USB 3.2 type C or USB 2.0 are available as project-based features.
6. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
7. The system will stay operating within 300 seconds when user swaps the battery.

