



U111 Tablet

Built for All. All in One.

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



DURABILITY

- MIL-STD 810G certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere)
- MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- ANSI/ISA 12.12.01-2000, Class I, Division 2
- 6' drop 26 faces
- IP 65 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Optional sunlight readable display
- Optional swappable battery technology

OPERATING SYSTEM Windows® 10 Pro 64-bit

PROCESSORS

- Intel® Core™ i7-10510Y vPro™ (10th Gen) 1.2GHz processor with Turbo Boost Technology up to 4.5GHz, 8MB cache
- Intel® Core™ i5-10310Y vPro™ (10th Gen) 1.1GHz processor with Turbo Boost Technology up to 4.1GHz, 6MB cache
- Intel® Core™ i5-10210Y (10th Gen) 1.0GHz processor with Turbo Boost Technology up to 4.0GHz, 6MB cache

GRAPHICS

Intel® UHD Graphics

MEMORY

8GB up to 16GB (1866MHz DDR3)

STORAGE

- 128GB NVME PCIE SSD
- Optional 256GB/512GB/1TB PCIE SSD
- Optional OPAL 2.0 SSD

DISPLAY

- 11.6" FHD (1920 x 1080)
- Optional 1000 nits DynaVue® sunlight readable display with capacitive multi-touch screen and digitizer
- User selectable touch mode for Finger/Water, Glove, or Stylus programmable function

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 2

CAMERA

- Integrated 2.0 MP front-facing camera
- Optional 8.0 MP auto-focus rear camera with flash

KEYBOARD & INPUT

5 buttons (2 user-definable keys P1/P2)

COMMUNICATIONS

- Integrated 10/100/1000 Ethernet
- Intel® Dual Band Wireless AC 9260 (802.11a/b/g/n/ac)
- Bluetooth® V5.0
- Optional dedicated GPS module (UBLOX-NEO-M8N)
- Optional 4G LTE multi-carrier mobile broadband
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Easy removable SSD⁷
- Stealth mode
- Kensington lock
- Optional smart card reader x 1 or x 2^{2,3}
- Optional night vision mode¹
- Optional fingerprint scanner
- Optional HF/LF RFID reader^{2,3}

I/O INTERFACES

- USB 3.2 Gen1 (type A) x 1
- 2nd USB 3.2 Gen1 (type A) x 1⁴
- Audio in/out (combo jack) x 1
- microSD card (microSDHC, microSDXC) x 1
- 10/100/1000 Ethernet (RJ45) x 1
- HDMI port (type A) x 1
- Docking connector (20-pin Pogo) x 1
- SIM card x 1
- DC-In jack x 1
- Optional smart card reader x 1 or x 2^{2,3}
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

EXPANSION SLOT

- Optional serial port (RS232, 422 and 485 : D-sub, 9-pin) x 1 or 2nd USB 3.2 Gen1 (type A) or 1D/2D barcode reader⁴
- Optional PCMCIA Type II or ExpressCard 54 or HF/LF RFID or 2nd smart card reader³

POWER

- AC adapter : 100-240V, 50Hz-60Hz, 65W
- Main battery Li-Ion, 7.6V, 4800mAh, 13.5 hours⁵
- Optional Hi-Cap battery Li-Ion, 7.6V, 9600mAh, 24 hours⁵
- Optional bridge battery : 5 minutes swap time⁶

ENVIRONMENT

- Temperature
Operating : - 20°C ~ 60°C / - 4°F ~ 140°F
Storage : -46°C ~ 71°C / -51°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 317 mm (L) x 215 mm (W) x 23.8 mm (H)
- 1.39 kg

WARRANTY

3-year limited warranty standard

1. Night vision mode is available only for sunlight readable display.
2. Contact your sales representative for feature availability.
3. PCMCIA Type II, ExpressCard 54, RFID and 2nd smart card reader are mutually exclusive options.
4. 2nd USB 3.2 type A port, RS232 or 1D/2D barcode reader are mutually exclusive options. USB 2.0 or USB 3.1 type C are also available as project-based features.
5. 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.
6. The system will stay operating within 300 seconds when user swaps the battery.
7. Not compatible with previous model.