



# U111 Tablet

All-Inclusive for All Purposes

- 11.6" FHD DynaVue® SR display with 1000 nits
- 7th Generation Intel® Core™ Processor
- Fanless and quick-release SSD design
- 13 hrs. hot-swappable battery
- Default built-in RJ45, LAN port, RS232 and HDMI
- Default built-in smart card reader



**DynaVue**

# U111 Specifications



## 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™ i7-7Y75 vPro™ (7th Gen) 1.3GHz processor with Turbo Boost Technology up to 3.6GHz, 4MB cache
- Intel® Core™ i5-7Y54 (7th Gen) 1.2GHz processor with Turbo Boost Technology up to 3.2GHz, 4MB cache

## GRAPHICS

Intel® HD Graphics 615

## MEMORY

1 slots 8GB up to 16GB (1866MHz DDR3)

## STORAGE

- 128GB SSD
- Optional 256GB/512GB/1TB SSD
- Optional OPAL 2.0 SSD or FIPS 140-2

## DISPLAY

- 11.6" FHD (1920 × 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 × 2

## CAMERA

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

## KEYBOARD & INPUT

5 buttons (2 user-definable keys)

## 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 SSD
- Stealth mode
- Kensington lock
- Smart card reader default
- Optional Night vision mode<sup>1</sup>
- Optional fingerprint scanner
- Optional RFID reader<sup>2</sup>

## I/O INTERFACES

- USB 3.0 (type A) × 1
- USB 2.0 (type A)<sup>3</sup> × 1
- Audio in/out (combo jack) × 1
- microSD card (microSDXC) × 1
- 10/100/1000 Ethernet (RJ-45) × 1
- HDMI port (type A) × 1
- Docking connector (20-pin Pogo) × 1
- SIM card × 1
- Smart card reader × 1
- DC-In jack × 1
- Optional RF antenna pass-through for GPS, WWAN, and WLAN

## EXPANSION SLOT

- Optional serial port (RS-232 : D-sub,9-pin) × 1 or 1D/2D barcode reader<sup>3</sup>
- Optional PCMCIA Type II or ExpressCard 54 or RFID<sup>4</sup>

## POWER

- AC adapter : 100-240V, 50Hz-60Hz, 65W
- Main battery Li-Ion, 7.6V, 4800mAh, 13.5 hours<sup>5</sup>
- Optional long life battery Li-Ion, 7.6V, 9600mAh, 20 hours<sup>5</sup>
- Optional bridge battery : 5 minutes swap time<sup>6</sup>

## ENVIRONMENT

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

## DIMENSION & WEIGHT

- 317 mm (L) × 215 mm (W) × 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. USB 2.0 port, serial port or 1D/2D barcode reader are mutually exclusive options
4. PCMCIA Type II, ExpressCard 54 and RFID are mutually exclusive options
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.