



Microsoft® Win®



Intel Inside®



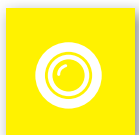
Ingress protection



Robust design



Security



Built in Cameras



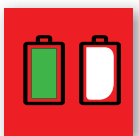
Sunlight readable screen



Glove Touch<sup>2)</sup>



Multiple connectivity



HotSwap

## PX501

High Definition display with excellent viewability – in a rugged package!

PX500 has Corning Gorilla Glass combined with advanced touch technology which ignores unintended touches including hand palm, water mist and rain drops while ensuring correct data and command input. All buttons are distinct and the screen is glove friendly.

PX500 has a high resolution Digitizer display with exceptional illumination which makes this full HD screen unit one of the brightest and clearest Tablet PCs on the market. Texts, graphics and diagrams are all sharp and distinct.

The ports include USB, Micro USB, Ethernet (RJ-45), RS-232, Micro SD, Micro SIM, Micro HDMI. Mobile workers can expect precise positioning and broad coverage through GNSS, WLAN, WWAN and Bluetooth. For in-vehicle users, the seamless connection runs uninterrupted through a switchable dual pass-through port.

The PX501 meets the IP65 and MIL-STD-810G standard.

For more information, please contact: [mail@forest-it.com](mailto:mail@forest-it.com)

<sup>1)</sup> Optional

<sup>2)</sup> Capacitive 10 points Touch, glove friendly

Table dockingstation<sup>1)</sup>



Technical data<sup>1)</sup>

**PRODUCT NAME**

- PX501

**DISPLAY**

- **Size:** 10.1"
- **Resolution:** Full HD, 1920 x 1200 WUXGA
- **Screen**
- Digitizer
- High resolution, 1000 nits, sunlight readable, 10-points capacitive touch, glove touch, water rejection, palm rejection, hard tip stylus,
- Gorilla glass

**CPU**

- Intel® Core™ i5 5350U processor 1.8 GHz vPro™

**MEMORY:**

- 8GB DDR3L

**STORAGE MEMORY:**

- 128GB mSATA SSD (optional 256GB)

**OPERATING SYSTEMS**

- Microsoft® Win® 10 IoT. LTSB
- Microsoft® Win® 8.1 Ind.64-bit
- Microsoft® Win® 8 Std. 64-bit
- Microsoft® Win® 7 Pro. 64-bit
- Microsoft® Win® 7 Std. 64-bit

**RUGGED FEATURES**

- IP65
- MIL-STD-810G
- **Temperature:** Operating: -20°C ~ 60°C Storage: -30°C ~ 7°C
- **Humidity:** 5% ~ 95%

**CERTIFICATIONS**

- CE, FCC, CB

**CAMERA**

- 2.0 MP front
- 8.0 MP rear with AF and LED

**CONTROL BUTTONS**

- Power
- Volume
- Windows button
- Programmable button x 3
- Barcode trigger

**BATTERY**

- 4500mAh, 10.8V, hotSwap
- 9000mA h, 10.8V hotSwap<sup>2)</sup>

**POWER SUPPLY**

- AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W

**DIMENSIONS (LxBxH)**

- 11" x 7.7" x 0.9" (28 x 19.5 x 2.3 cm)

**WEIGHT**

- 3.0 pounds<sup>4)</sup> (1.36 kg)<sup>4)</sup>

**COMMUNICATIONS**

- Wi-Fi 802.11 a/b/g/n/ac
- Bluetooth V4.0
- GNSS(GPS/Glonass/BeiDou)
- 4G LTE<sup>2)</sup>

**SENSORS**

- Gyroscope
- G-sensor
- E-compass
- Light sensor

**EXPANSIONS**

- Built-in 2D barcode reader<sup>2)</sup>
- NFC + Smart card reader-2-in-1 module<sup>2)</sup>

**SOFTWARE**

- Dashon<sup>3)</sup>

**SECURITY**

- TPM 2.0
- Phoenix Secure Wipe
- Janus US B Ignition Key<sup>2)</sup>

**I/O-PORTS**

- USB 3.0 type A
- Gigabit ethernet (RJ-45)
- RS-232 (optional for USB 2.0 type A)
- Audio jack (headphone /microphone combo)
- RF pass-through connector x 2 (for WLAN/GNSS/WWAN)
- 12-pin docking connector
- Micro-SD slot
- Micro-SIM slot
- Micro-HDMI slot
- Speaker & microphone

**INBOX ACCESSORIES**

- Power adapter
- Shoulder strap
- Hand strap (model X-strap)
- Handle
- Active stylus Digitizer pen

**OPTIONALS**

- Vehicle dock
- Desktop dock
- Vesa mount bracket
- NFC + SCR-reader (CAC)
- 2-bay battery charger
- Long life battery pack
- Car charger

<sup>1)</sup> The technical data are subject to change without notice

<sup>2)</sup> Optional

<sup>3)</sup> To be downloaded

<sup>4)</sup> No accessories mounted



**Forest it Design**

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC, measurement instruments, and GPS/GNSS solutions. The company has offices in Värnamo, Gothenburg, London, Frankfurt and Munich.

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