

## MR14

The MR14 is big, tough and brutally powerful, blending high tech with elegance by design

With its large vivid 14" display and uncompromising good looks this rugged high performance tablet is designed from the ground up for durability, performance and portability delivering desktop class power with a large screen for highly detailed and more complex applications.

Integrated Wi-Fi and Bluetooth 4.2, optional 4G WWAN, GNSS, front camera, built-in microphone (with DSP) for real-time video, provides seamless communications for information capture & transmission. The bright 14" HD outdoor capacitive multi-touch display is viewable from any angle, while the NVIDIA GeForce GTX 1050 graphics card addresses the demands of higher image and video processing based applications.

This fully rugged and versatile tablet is IP65 and MIL-STD-810G certified and features patented Easy-to-open I/O port covers, integrated kickstand and two hot-swap battery compartments for unparalleled uninterrupted run time. The MR14 is powerful, adaptable and beautifully refined, being equally at home in the office as it is out in the field.

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



Intel quad core inside



Microsoft® Windows®



Capacitive Touch



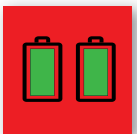
Communications



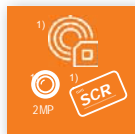
Robust Design



IP65



Hot-Swap<sup>1)</sup>



Data collections



Ports under cover latches



Dual battery for no power down time



Integrated table top stand on back



Top stand flat when folded

## Technical data

### PRODUCT NAME

- MR14 Tablet PC

### CPU

- Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) *or*
- Intel® Core™ i7-8650U, Quad-Core, 1.9GHz (up to 4.2GHz)

### MEMORY

- 8GB/16GB/32GB

### STORAGE MEMORY

- 28GB to 1TB flash

### DISPLAY

- 14" display
- LED-backlight screen
- Capacitive Multi-Touch
- Outdoor viewable
- 1920 x 1080 resolution
- High-brightness (1000 nits)

### OPERATING SYSTEMS

- Microsoft® Windows® 10 IoT Enterprise, 64bit

### ENVIRONMENTALS

- IP65
- MIL-STD-810G (Vibration- and shock)
- MIL-STD-461F (EMI and EMC tolerance)
- **Operation temperature:**
  - 20°C to 60°C
  - 4°F to 140°F
- **Storage temperature:**
  - 55°C to + 70°C
  - 67°F to + 158°F
- **Humidity:**
  - 0% – 90% non-condensing

### CAMERA

- 2 megapixel front camera for Full-HD resolution video conference<sup>1)</sup>

### AUDIO

- Built-in speaker
- Built-in microphone (DSP for real-me video)

### PRESET BUTTONS

- 1 power button
- 2 programmable buttons

### POWER ADAPTER

- Input: 100 – 240V AC
- Output: 19V DC, 3.42A

### COMMUNICATIONS

- Wi-Fi 802.11ac, 2.4GHz/5GHz dual band
- Bluetooth 4.0 LE
- GNSS (U-blox M8 module)<sup>1)</sup>

### DIMENSIONS (LxBxH)

- 244 x 365 x 29.5 mm
- 9.6 x 14.3 x 1.16 inches

### WEIGHT

- 6.38 lbs
- 2.9 kg

### INDICATORS

- 1 power/battery button

### ENCLOSURE

- ABS + PC plastics
- Magnesium-aluminum alloy

### BATTERY PACK

- Hot swappable battery, 11.4V, 5400mAh x 2
- Hot swappable battery, 11.4V, 8000mAh x 2 (optional)

### I/O-PORTS

- USB 3.0 x 1
- USB 2.0 x 2
- Headset Jack x 1
- RJ45 for Ethernet x 1
- HDMI x 1
- DC-in x 1
- 1 microSD card slot
- Smart Card/CAC Reader (Full-slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V smart card)

### CERTIFICATIONS

- FCC Class B, CE, RoHS

### OPTIONALS

- **Camera:**
  - 2 megapixel front camera for Full-HD resolution video conference
- **Graphic Card:**
  - Integrated graphic card, NVIDIA GeForce® GTX 1050 with 4GB VRAM
- **GNSS Module:**
  - U-blox M8 GNSS module with concurrent reception of GPS and GLONASS. Industry leading -167dBm navigation sensitivity
- **Mobile Broadband:**
  - 4G LTE/AWS

### WARRANTY

- Tablet 1 year
- Battery 6 months

### ACCESSORIES

- Office Dock
- Battery Charger
- VESA-mount Adapter

<sup>1)</sup> Optional



#### 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 Sweden, UK, Germany and Finland.

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