

R100



PRACTICAL BUILT FOR CHALLENGE

10.1" Windows® Practical Tablet Intel® Pentium® N6415

Compliant with the IP67 standard, the R100 offers exceptional water and dust resistance. Its removable battery extends usage time, enabling users to conquer challenging environments.

R100 is engineered to streamline your workflow, it equipped with a range of customizable keys to help you optimize productivity and accomplish tasks with ease.

Equipped with Wi-Fi 6E, Bluetooth v5.2, and optional 4G LTE, R100 offers multiple wireless data communication options to ensure you stay connected at all times.

R100 offers a barcode scanning option to turn your device into a portable point of sale, streamlining your work on the go. Its multiple I/O ports offer endless possibilities to tailor the device to your business needs.

Key Features

- Windows® 11 IoT Enterprise, Intel® Pentium® N6415
- 10.1" 1920 × 1200 resolution, 800 nits
- 8GB LPDDR4X, 128 GB eMMC
- IP67 protection, 1.2m drop, MIL-STD-810H
- Removeable battery & Hot-swappable
- Wi-Fi 6E, BT v5.2, optional 4G LTE
- Trusted Platform Module (TPM 2.0)
- Built-in GPS
- Complete Accessory Package to facilitate your work

Operating System

- Windows® 11 IoT Enterprise SAC 64 bit

Processor

- Intel® Pentium® N6415, 1.2 GHz up to 3.0 GHz

Memory & Storage

- 8 GB LPDDR4X
- 128 GB eMMC

Display

- 10.1" 1920 x 1200 resolution
- Support wet & glove modes with capacitive 10-point touch
- 800 nits typical
- Direct bonding

Sensors

- Light sensor
- G-sensor

Audio

- 1 x 3.5 mm audio combo jack
- Built-in microphone
- 95db speaker (10 cm, 1 kHz)

Camera

- 5 MP rear camera with autofocus
- 2 MP front camera

Interface

- 1 x USB3.1 Type-A, 1 x USB2.0 Type-A
- 1 x USB3.1 Type-C (Charging, HDMI)
- 1 x USB2.0 Type-C (Charging 20V, 3.25A)
- 1 x RJ45 10/100M/1000M
- 1 x Nano SIM Card slot
- 1 x 3.5mm Audio jack
- 1 x Micro SDXC (Max: 1TB) slot
- Back docking connector 14-pin (USB3.0)
- Docking connector 7-pin (Charging, USB2.0)
- Barcode scanning engine Honeywell N4680 (Optional)
- Buttons (programmable)
 - 1 x Power
 - 1 x Lock/Unlock screen (default)
 - 1 x Home (default)
 - 1 x F1 button: Touch Flashlight (default)
 - 1 x F2 button: Volume + (default)
 - 1 x F3 button: Volume - (default)
 - 1 x "+" button: Screen brightness + (default)
 - 1 x "-" button: Screen brightness - (default)
- Status indicators
 - 1 x Power
 - 1 x Battery
 - 1 x Front camera

Dimension & Weight

- 260mm L x 173mm W x 20mm D / 10.2" L x 6.8" W x 0.79" D
- 1kg/2.2lbs

Power

- 7.6 V, 4200mAh typical
- Not less than 3 hours working time (JEITA3.0)
- AC/DC adapter: Input AC 100-240V 50~60 Hz; Output DC 20V, 3.25A

Wireless Connectivity

- Wi-Fi (WLAN)
 - 802.11 a/b/g/n/ac/ax 2.4,5,6GHz, support Wi-Fi 6E
- BT (WPAN)
 - v5.2
- GNSS
 - GPS
 - Galileo
 - BeiDou
 - GLONASS

Environment & Ruggedness

- Operating temperature
 - -10°C to 60°C / 14°F to 140°F
- Storage temperature
 - -40°C to 70°C / -40°F to 158°F
- Humidity
 - 0% to 95% non-condensing
- Sealing
 - IP67
- MIL-STD-810H Method 516.8 1.2m/4'

Certifications

- FCC
- CE, RoHS, REACH
- WEEE

Optional Accessory

- Hand Strap
- Shoulder Strap