



R8 Tablet

Extreme Power, Ultra Compact.

- 8.0" FHD display
- 12th Generation Intel® Core™ processor
- Intel® WiFi 6E AX211 & Bluetooth® V5.2
- Fanless design
- 10-point PCAP multi-touch panel with 4 touch modes
- Optional Long-Life Battery up to 17 hours
- Optional barcode, RFID & smart card reader
- Optional Dedicated GPS & 4G LTE WWAN



DURABILITY

- MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze / Thaw, High/Low Temperature, Temperature Shock, Humidity)
- MIL-STD 461F certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility)
- Optional : ANSI/ISA 12.12.01-2000, Class I, Division 2
- 6' drop 26 faces
- IP 66 certified
- Aluminum-magnesium alloy chassis
- Port covers
- Optional sunlight readable display

OPERATING SYSTEM

- Windows® 10 /11 Pro 64-bit⁵

PROCESSORS

- Intel® Core™ i5-1230U (12th Gen) up to 4.4GHz, 12MB cache, with vPro™ 2x Performance- / 8x Efficient-cores with Max Turbo 4.4GHz / 3.3GHz
- Intel® Pentium® Gold 8500 (12th Gen), up to 4.4GHz, 8MB cache, 1x Performance- / 4x Efficient-cores with Max Turbo 4.4GHz / 3.3GHz
- Optional : Intel® Core™ i7-1250U (12th Gen) with vPro™ up to 4.7GHz, 12MB cache, 2P+8E cores

GRAPHICS

- Intel® Iris® Xe Graphics

MEMORY

- 8GB LPDDR4 onboard
- Optional : 16GB LPDDR4

STORAGE

- 128GB M.2 2242 NVMe SSD
- Optional : 256GB / 512GB / 1TB M.2 2242 SSD

DISPLAY

- 8.0" FHD (1280 × 800)
- 800 nits DynaVue® sunlight readable display with capacitive multi- touch screen
- Optional : digitizer
- User selectable touch mode for Finger/Water, Glove or Stylus programmable function

AUDIO

- Integrated microphone
- Intel® High Definition Audio Compliant
- Integrated speaker x 1

CAMERA

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

KEYBOARD & INPUT

- 3 buttons (1x user-definable key)

COMMUNICATIONS

- Intel® WiFi 6E AX211 (802.11ax)
- Bluetooth® V5.2
- Optional : GPS and LTE multi-carrier mobile broadband
- Optional : RF antenna pass-through for GPS, WWAN and WLAN¹

SECURITY

- Intel® vPro™ Technology (per CPU options)
- TPM 2.0
- NIST BIOS compliant
- Stealth mode
- Night vision mode
- Optional: smart card reader^{1,2}
- Optional: HF/LF RFID (NFC) reader^{1,2}
- Optional: UHF-RFID (NFC) reader^{1,2}

I/O INTERFACES

- Thunderbolt 4 x 1
- USB 3.2 Gen 2 (type C) x 1 (support DP)
- Audio in/out (combo jack) x 1
- microSD card (microSDXC) x 1
- Docking connector (20-pin Pogo) x 1
- Nano SIM card x 1
- DC-In jack x 1
- Optional : USB 3.2 Gen1 (type A) x 1²
- Optional : 10/100/1000 Ethernet (RJ45) x 1²
- Optional : serial port (RS232) x 1²
- Optional : 1D/2D barcode reader x 1²
- Optional : RF antenna pass-through for GPS, WWAN and WLAN¹

EXPANSION SLOT

- Optional : magnetic stripe reader^{1,2}
- Optional : smart card reader with LF/HF-RFID (NFC) or UHF-RFID (NFC) or RS232/RJ45/USB 3.2 Gen1 (type A)^{1,2}

POWER

- Power input 19V @ 3.42A
- AC adapter : 100-240V, 50Hz-60Hz, 65W Main battery Li-Ion, 3.8V, 3600mAh, 8.5 hours³
- Optional : long life battery Li-Ion 3.8V, 7200mAh, up to 17 hours³
- Optional : swappable battery : 5 minutes swap time⁴

ENVIRONMENT

- Temperature
 - Operating : - 20°C ~ 60°C / - 4°F ~ 140°F
 - Storage : - 46°C ~ 71°C / - 40°F ~ 160°F
- Humidity : 5% ~ 95%

DIMENSION & WEIGHT

- 227 mm (L) × 150 mm (W) × 20.5 mm (H)
- 0.86 kg

WARRANTY

- 3-year limited warranty standard

1. Contact your sales representative for feature availability.
2. Mutually exclusive options.
3. 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.
4. The system will stay operating (within 300 seconds in standby mode) when user swaps the battery.
5. Downgrade to Windows 10 Pro

Ordering Information

[more configurations on request](#)

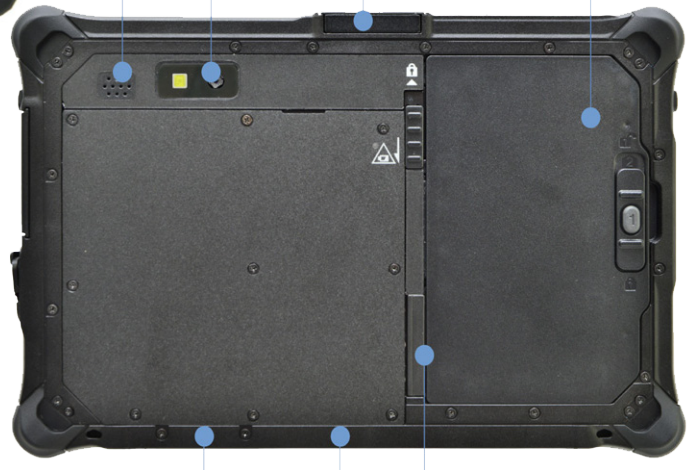
PN	Display	CPU	RAM	SSD	WiFi/BT	LTE/GPS	Additional options
R8-SLR-P-8G-128G-PAAX	800 nits	Pentium 8500	8GB	128GB	yes	no	no
R8-SLR-P-8G-128G-PAAB	800 nits	Pentium 8500	8GB	128GB	yes	no	Barcode Scanner
R8-SLR-P-8G-256G-PAAB	800 nits	Pentium 8500	8GB	256GB	yes	no	no
R8-SLR-i5-8G-128G-DPAAX	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera
R8-SLR-i5-8G-128G-DPAAB	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera, Barcode Scanner
R8-SLR-i5-8G-256G-DPAAX	800 nits	Core i5-1230U	8GB	256GB	yes	no	8.0MP rear Camera
R8-SLR-i5-8G-128G-DPEAX	800 nits	Core i5-1230U	8GB	128GB	yes	no	8.0MP rear Camera, GPS/LTE Combo with RF Pass Through Antenna

R8 I/O Details

POWER / VOLUME
DEFINABLE BUTTON MICROPHONE 2MP CAMERA



OPTIONAL
SPEAKER OPTIONAL
8MP CAMERA OPTIONAL BARCODE READER
OR USB 3.2 GEN 1 TYPE A SWAPPABLE
BATTERY PACK



USB 3.2 GEN 2 TYPE C
THUNDERBOLT 4
MIC / HEADSET
COMBO JACK
DC-IN



MAGNETIC
IPE READER