



## Rocktab U210

### Rugged industrial tablet for outdoor use

#### Highlights

- Robust 10.1" industrial tablet for professional use
- Powerful Intel processors: Celeron N4120 or Pentium N5030
- Sunlight readable display with 800 cd/m2 brightness and WUXGA resolution
- Scratch-resistant multi-touchscreen including display protection film
- Operation also possible with gloves and in the rain
- Most accurate operation possible via digitizer
- Ultra-compact housing only 15 mm deep and 996 g weight
- Exceeds shock, vibration and drop resistance per MIL-STD-810G
- Ideal for harsh environments as waterproof and dustproof according to IP65
- Withstands falls from 1.5 m
- Hot-swappable 33 Wh battery for uninterrupted work
- Available with Windows 11 Pro, IoT Enterprise or Ubuntu Linux
- 8 GB LPDDR4 RAM, 128 GB eMMC SSD
- Full size USB 3.0 and USB C port
- 2x2 MU-MIMO 802.11ac dual-band WLAN (WiFi 6 certified)
- Seamless roaming of different radio cells thanks to 802.11r
- Ready for the latest applications thanks to Bluetooth®5.2
- Micro SDXC card slot - memory expandable up to 1 TB
- High-resolution cameras for razor-sharp images
- High-end uBlox NEO-M8N GPS for position determination
- Optionally including high-end 1D/2D barcode scanner & 4G LTE high-speed Internet connection with up to 300 Mbps
- Docking stations and other accessories available
- Climate-neutral product: All greenhouse gas emissions from production and transport offset

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### Physical characteristics

|                       |   |
|-----------------------|---|
| Dimensions            | 283 x 192 x 15 mm   |
| Weight                | 996 g   |
| Case                  | black, non-slip   |
| Battery               | Battery life up to 8.5 hrs.<br>Battery capacity: 34 Wh, Hot-swap functionality,<br>Replaceable battery: 7.6 V / 4,800 mAh (33 Wh)<br>lithium-ion battery<br>2nd battery: 7.4 V / 142 mAH (1.1 Wh) |
| Input voltage         | 19 V / 3,42 A   |
| Keys                  | Power Button, Volume Buttons, 1 x Function Key,<br>1 x Scan Button, Reset Button  |
| Status displays       | Power LED, Battery Status LED, Radio Status LED   |
| Operating temperature | -20° C to +60° C  |
| Storage temperature   | -20° C to +60° C  |
| Humidity              | 90%, non-condensing   |
| Sealing               | IP65 dust and waterproof  |
| Drop resistance       | MIL-STD-810G drop test, 26 drops from 1.5 m<br>and 40 drops from 1.0 m  |

### System properties

|                   |  |
|-------------------|--|
| Operating system  | Windows 10 IoT Enterprise, Windows 11 Pro<br>Ubuntu 20.04  |
| Processor options | <ul style="list-style-type: none"> <li>Intel® Celeron N4120 Quad-Core max. 2,6 GHz</li> <li>Intel® Pentium N5030 Quad-Core max. 3,1 GHz<sup>†</sup></li> </ul> |
| Graphics          | Direct X12 Support, OpenGL 4.4, Integrated<br>Intel® UHD Graphics 600 <sup>2</sup> or Intel® UHD<br>Graphics 605 <sup>3</sup> .                                |
| System memory     | 128 GB SSD storage, expandable via Micro SDXC<br>card by up to 1TB   |
| Working memory    | 8GB LPDDR4 Dual Channel  |
| Display           | 10.1" WUXGA 1200x1920 IPS display, sunlight<br>readable  |
| Brightness        | 800 cd/m <sup>2</sup>  |
| Touchscreen       | Capacitive multi-touch screen with 10 touch<br>points, scratch-resistant, surface hardness 9H,<br>digitizer pen compatible                                     |
| I/O               | HDMI (Type A), USB 3.1 Gen1 (Type A), USB 3.1<br>Gen1 (Type C, No DP Support), 3.5 mm headset,<br>power connector, pogo pin, RJ45                              |

### Data acquisition

|                  |   |
|------------------|---|
| Barcode scanner* | <p>Powerful 1D/2D short range bar code scanner<br/>with extended functionality</p> <ul style="list-style-type: none"> <li>Linear: UPC/EAN/JAN, GS1 DataBar, Code 39,<br/>Code 128, Code 32, Code 93, Codabar/NW7,<br/>Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5,<br/>MSI, Telepen, Trioptic, China Post</li> <li>2D Stacked: PDF417, MicroPDF417, GS1<br/>Composite</li> <li>2D Matrix: Aztec Code, Data Matrix, QR Code,<br/>Micro QR Code, MaxiCode, Han Xin Code</li> <li>Postal: Intelligent Mail Barcode, Postal-4i,<br/>Australian Post, British Post, Canadian Post,<br/>Japanese Post, Netherlands (KIX) Post,<br/>Postnet, Planet CodeOCR</li> <li>Option: OCR-A, OCR-B, E13B (MICR)</li> </ul> |
|------------------|---|



Ready for  
**Windows 11**



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### Connectivity

|           |  |
|-----------|--|
| WLAN      | Intel® AX200 Wi-Fi 6, 802.11 a/b/g/n/AC/AX   |
| WWAN*     | 4G LTE Highspeed Internet up to 300 MBps Download, 50 MBps Upload; DFOTA Support, DTMF Support, MIMO<br><br>LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B321LTE-TDD: B38/B40/B41 Up to 2 x CA: B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B323; B38+B38; B40+B40; B41+B41WCDMA: B1/B3/B5/B8 |
| Bluetooth | Bluetooth® 5.2   |
| Ethernet  | 1x RJ45 10/100/1000 Mbps LAN   |

### Multimedia

|        |   |
|--------|---|
| Audio  | 2 x 2W speaker, 2 x microphone, 3.5 mm headset jack     |
| Camera | 2 MP Full HD front camera, 8.0MP rear camera with flash |

### Further specifications

|                      |  |
|----------------------|--|
| Innovative functions | Intel® Quick Sync Video, Display extension to second display, Intel® VT-x, Intel® VT-d, Intel® 64, Intel® SSE4.2, Advanced Intel SpeedStep® Technology, Thermal Monitoring,                      |
| Position detection   | Highend GPS uBlox NEO-M8N <sup>4</sup> (GPS, Galileo, GLONASS, GALILEO)  |
| Security             | Windows Hello <sup>+</sup> , TPM 2.0, Intel® Identity Protection Technik, Intel® AES New Instructions, Secure Key, Intel® SGX, Intel® MPX, Execute-Disable-Bit, Intel® OS Guard, Kensington Lock |
| Sensors              | Accelerometer, Gyro sensor <sup>4</sup> , E-compass <sup>4</sup> , proximity sensor <sup>4</sup> , brightness sensor   |
| Accessories included | Power supply unit, protective foil   |
| Optional accessories | See accessories catalog  |
| Warranty             | 2 years warranty, extended warranty available  |

