



Rocktab S510

All-rounder for rough everyday life

Highlights

- Robust 10.1" industrial tablet for professional use
- Shock, vibration and drop resistance according to MIL-STD-810G
- Ideal for harsh environments as it is water- and dust-proof according to IP65
- Withstands drops from over 1.2 m
- Rugged case design, yet only 2.3 cm deep
- Compatible with Windows 11
- Intel® Celeron N5100 quad-core processor with up to 2.8 GHz
- Up to 8 GB RAM and 128 GB internal memory
- Large 38 Wh battery for up to 9 hours runtime
- Fast charging with 65 watts
- Full size USB 3.0 Type A and USB C port
- High-end u-blox NEO-M8Q GPS module
- Optional Gigabit Ethernet, RS232 or additional USB 3.0 port
- Optional 2D barcode scanner
- Always connected with dual-band WLAN 802.11 a/b/g/n/ac
- 4G LTE high-speed Internet connectivity
- Bluetooth 4.2
- Micro SDXC card slot
- Docking stations and other accessories available
- Climate neutral product: All greenhouse gas emissions from production and transport offset

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Physical characteristics

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|-----------------------|--|
| Dimensions | 275 x 188 x 23 mm |
| Weight | 1.14 kg |
| Housing | Black, non-slip |
| Battery | Removable 7.6 V / 5,000 mAh (38 Wh) lithium-ion battery, runtime up to 9 hours |
| Input voltage | DC 19V / 3.42A (65 Watt) |
| Buttons | Power button, volume keys, 2 function keys, Windows key |
| Status indicators | 1 x power LED, 1x charging status LED |
| Operating temperature | -20° C – +60° C |
| Storage temperature | -30° C – +70° C |
| Humidity | 95%, non-condensing |
| Sealing | IP65 dust and waterproof |
| Vibrations | MIL-STD-810H 514.8 |
| Drop resistance | 1.2 m according to MIL-STD810G |

System features

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|-------------------|--|
| Operating system | Windows 11 Pro, Windows 10 Pro, Windows 10 IoT Enterprise |
| Processor options | ■ Intel® Celeron N5100 1.1 GHz Quad-Core (Up to 2.8 GHz) |
| System memory | 64 or 128 GB |
| Memory | 4 or 8 GB DDR3 |
| Display | 10.1" IPS LCD display, 16:10, 400 cd/m2 brightness, 1920x1200 pixel resolution |
| Touchscreen | Capacitive multi-touchscreen with 10 touch points, Corning Gorilla Glass 3 |
| I/O | USB 3.0, USB 3.0 Type C, Mini HDMI, Micro SDXC, Nano SIM, docking port, headset jack |
| Expansion Slot | Ethernet port (standard), RS232 or USB 3.0 |

* = optional

Communication

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|-----------|---|
| WLAN | Wi-Fi 5 (802.11ac) Intel® Dual Band Wireless-AC 7265 |
| WWAN | 4G LTE Max 150Mbps(DL)/50Mbps(UL) LTE FDD: B1/B3/B7/B8/B20 WCDMA: B1/B5/B8 GSM: B3/B8 |
| Bluetooth | Bluetooth 4.2 BLE |
| Ethernet | 1 x RJ45 10/100/1000 Mbit/s LAN (expansion slot) |

Multimedia

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| Audio | 2 x Integrated speaker, integrated microphone, 3.5 mm headset jack |
| Camera | 5 MP front camera, 8 MP rear camera with flash |

Data acquisition

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| NFC* | ISO/IEC 14443 A/B, conformity with IEC 15693/18092, Mifare protocol |
| Barcode scanner* | Australian Post, Aztec Code, Barcode Scanner optional, British Post, Canadian Post, China Post, Chinese Sensible (Han Xin), Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, Coupon GS1 Code 32 (PARAF), Data Matrix, EAN-UCC Emulation, EAN/JAN 8, EAN/JAN-13, GS1 DataBar, IATA Code 2 of 5, Interleaved 2 of 5, Japanese Post, Korea Post, Matrix 2 of 5, MaxiCode, Micro PDF 417, MSI, Netherlands Post, PDF417, Planet Code, Postnet, QR Code, UPC-A, UPC-A/EAN-13 with Extended Coupon Code, UPC-E |

Other specifications

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|----------------------|---|
| Innovative Features | GNA 2.0, Image Processing Unit 6.0, Smart Sound Technology, Wake on Voice, High Definition Audio, Speed Shift Technology, Intel® 64, Hibernation, Enhanced Intel SpeedStep® Technology, Thermal Monitoring Technology |
| Security | TPM 2.0, Identity Protection Technology, AES New Instructions, OS Guard, Boot Guard, MBE, VT-x, VT-d, VT-x with EPT |
| GPS | U-Blox M8Q |
| Sensors | Tilt sensor |
| Included accessories | Power supply, USB cable |
| Optional accessories | See accessories catalog |
| Warranty | 1 year warranty, extended warranty available |

