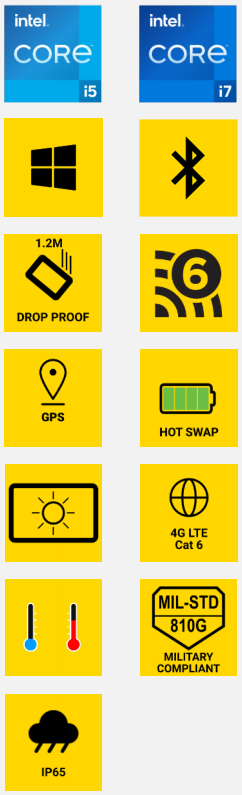
Rockbook X550 G2

Industrial 15.6" High-Power Rugged Notebook

The ultimate laptop for everyday Heroes



Performance Upgrade

Powerful 11th generation Intel® Core i5 or i7 processors.

Windows 11 Pro

The most secure Windows ever.

Your office on the road

Huge 15.6" Full HD display with 700 nits brightness

Lightning fast connectivity

Always connected with Wi-Fi 6, Bluetooth 5.1, GPS and optional 4G and NFC

Huge hot swap battery

Non-stop work thanks to large rechargeable batteries that can be replaced during operation

- Powerful 11th generation Intel® Core™ Core i5/i7 processors.
- Sunlight-readable 15.6" full HD display and optional capacitive touchscreen
- Enhanced enterprise security features with TPM 2.0, Kensington lock, removable storage and fingerprint sensor
- Up to 32² GB DDR4 RAM and 1 TB GB M.2 SSD storage
- Expansion slot for second hard drive or project-based expansions
- Windows 11 Pro included
- Numerous ports including Gigabit Ethernet and RS232
- Shock, vibration and drop resistance according to MIL-STD-810G
- Ideal for harsh environments as waterproof and dustproof according to IP65
- Withstands drops from over 1.2 m
- Hot-swappable 47 Wh battery for uninterrupted work
- uBlox GPS/GNSS sensor integrated
- Optional 4G LTE connectivity
- 2×2 MU-MIMO 802.11ax dual-band WLAN (WiFi 6 certified)
- Extended temperature range between -20° C to +60° C
- CO2 emissions from production & logistics fully offset

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WEROCK Technologies GmbH
Haid-und-Neu-Str. 7
76131 Karlsruhe
Germany

+49(0)721-5099 1000
info@werocktools.com
www.werocktools.com
www.fürhelden.de

Green Industrial IT

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Communication	
WLAN	Intel® AX200 Wi-Fi 6, 802.11 a/b/g/n/ac/ax
WWAN	4G LTE (category 4 max. 150 MBit download / 50 MBit upload), LTE FDD: B1/B3/B5/B7/B8/B20/B28A LTE TDD: B38/B40/B41 WCDMA: B1/B2/B5/B8 GSM: 850/900/1800/1900MHz
Bluetooth	Bluetooth® 5.1
Ethernet	2 x RJ45 10/100/1000 Mbit/s LAN
Multimedia	
Audio	2 x speakers, 2 x microphone, headset jack
Camera	2 MP front camera
Data acquisition	
NFC*	ISO/IEC 14443 A/B, compliance with IEC 15693/18092, FeliCa, Mifare 1K/4K, NFC Forum tag (Mifare Ultralight, Jewel, Open FeliCa, DESFire), NFCIP-1/2, I2C interface
Position detection	uBlox NEO-7M GPS/GNSS receiver (GPS/QZSS, GLONASS)
More specifications	
Innovative functions	Adaptix™, AVX2, AVX-512, Boot Guard, Control-Flow Enforcement Technology, DL Boost, High Definition Audio, Hyper-Threading-Technik, Microsoft AOAC, OFDMA, Smart Sound Technologie, Speed Shift, SSE4.1, SSE4.2, Turbo-Boost-Technik 2.0, VMD, Wake on Voice
Security	Windows Hello login via fingerprint sensor, TPM 2.0, AES New Instructions, OS Guard, Boot Guard, MBE, VT-x, VT-d, VT-x mit EPT, Control-Flow Enforcement Technology, Kensington
Accessories included	Power supply unit
Optional accessories	See accessories catalog
Warranty	2 year warranty, extended warranty available

Physical characteristics	
Dimensions	407 x 305 x 45 mm
Weight	3,3 kg
Housing	Robust plastic housing with carrying handle and edge protection, cooling by IP65 fan
Batterie	Removable 7.4 V / 6,300 mAh (46.6 Wh) lithium-ion battery, internal battery 7.4 V / 1750 mAh (14.8 Wh), lithium-ion battery, hot-swappable, runtime up to 6 hours
Input voltage	19 V DC / 3,42 A (65 Watt)
Buttons	Power button, Reset button, Screen lock, Keyboard (different Layouts available: Intl. QWERTY, Nordic, German, Russian, French, Spanish, Italian)
Status displays	Power LED, Lade LED, HDD LED, WWAN LED
Operating temperature	-20° C – +60° C
Storage temperature	-30° C - +70° C
Humidity	95%, non-condensing
Sealing	IP65 dust and waterproof
Vibrationen	MIL-STD-810G 514.7
Drop resistance	1.2 m according to MIL-STD810G
System properties	
Operating system	Windows 11 Pro
Processor options	■ Intel® Core™ i5-1135G7 Quad-Core up to 4.2 GHz, 8 MB Cache ■ Intel® Core™ i7-1165G7 quad-core up to 4.7 GHz, 12 MB cache ■ Other 11th generation processors TigerLake UP3 on project basis
Graphics processor	Intel® Iris Xe Graphics
System memory	256, 512 GB, 1 TB or 2 TB PCIe M.2 SSD, second hard disk via SATA expansion slot, expandable via SD card slot by up to 512 GB
Working memory	16 oder 32² GB Dual Channel DDR4 RAM 2133 MHz
Display	15.6" IPS LCD display, 16:9, 750 cd/m2 brightness, 1920x1080 pixel resolution
Touchscreen²	Capacitive multi-touchscreen with 10 touch points, Corning Gorilla Glass 3
I/O	3 x USB 3.0, 1 x USB 2.0, 1 x 3.5 mm headset, 1 x HDMI, 1 x SD card, 1 x RS232(RS485*), 2 x RJ45

* = Optional ² = on project basis

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Order numbers

Article number	Description
X550-99NG66P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i7, GPS, QWERTY, Win 11 Pro
X550-99NGG6P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i7, GPS, QWERTZ, Win 11 Pro
X550-99LG66P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i7, LTE, GPS, QWERTY, Win 11 Pro
X550-99LGG6P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i7, LTE, GPS, QWERTZ, Win 11 Pro
X550-09NG66P	Rockbook X550 G2, 16 GB RAM, 512 GB Flash, Core i7, GPS, QWERTY, Win 11 Pro
X550-09NGG6P	Rockbook X550 G2, 16 GB RAM, 512 GB Flash, Core i7, GPS, QWERTZ, Win 11 Pro
X550-09LG66P	Rockbook X550 G2, 16 GB RAM, 512 GB Flash, Core i7, LTE, GPS, QWERTY, Win 11 Pro
X550-09LGG6P	Rockbook X550 G2, 16 GB RAM, 512 GB Flash, Core i7, LTE, GPS, QWERTZ, Win 11 Pro
X550-9TNG66P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i5, GPS, QWERTY, Win 11 Pro
X550-9TNGG6P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i5, GPS, QWERTZ, Win 11 Pro
X550-9TLG66P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i5, LTE, GPS, QWERTY, Win 11 Pro
X550-9TLGG6P	Rockbook X550 G2, 16 GB RAM, 256 GB Flash, Core i5, LTE, GPS, QWERTZ, Win 11 Pro

Service Packages

Article number	Description
SRV-X550-C3NX	3 Years Warranty
SRV-X550-P3NX	3 Years Premium Care
SRV-X550-W3NX	3 Years Warranty Plus

Warranty Plus

We offer a 24-month warranty on our physical products. With Warranty Plus, your product is protected all around. It is your fully comprehensive cover, which also protects it against material damage due to normal use, wear and tear and accidents. Even theft and fire damage are covered by our warranty. In case of loss or total loss of the device, a complete exchange is possible.

Climate neutral product

This product is climate-neutral. The production and logistics of the Rockbook X550 G2 cause 366 kg of CO2e emissions. These unavoidable emissions are fully and generously offset through Gold Standard projects.
For more information about our efforts to protect the environment, please visit https://www.werocktools.com/company/environmental-protection/

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