

Industrial Edge. Built to Run.



Passive, fanless 24/7 design

for stable continuous operation

Built for utility facilities

Ideal for mobile machines and "dirty" industrial networks

Vibration & shock resistant

For vehicles and systems where normal box PCs give up early

Performance reserve for edge workloads

Intel® Core™ 13th Gen + up to 64 GB DDR5 + up to 2 TB NVMe

Industrial I/O out of the box

+ Expandable for project use

- » Passive, fanless 24/7 design: Fewer dust/wear problems, stable continuous operation in the plant
- » Built for harsh supply conditions: 9–60 V DC (optional) + boot-on-power Ideal for vehicles, mobile machines, and "dirty" industrial networks with voltage fluctuations
- » Vibration & shock resistant for real industrial environments: Designed for machines, vehicles, and systems – where normal box PCs give up early
- » Performance reserve for edge workloads: Intel® Core™ 13th Gen (up to Deca-Core) + up to 64 GB DDR5 + up to 2 TB NVMe (plus optional SATA) for demanding applications
- » Extended temperature range (optional up to -40 to +60 °C) for outdoor or unheated installation locations
- » 13th generation Intel® Core™ Deca-Core processors (Raptor Lake) for demanding industrial real-time applications
- » Industrial I/O out of the box – plus project-ready expandability: dual LAN, versatile USBs, RS-232/422/485; optional CAN 2.0, Wi-Fi 6E/BT/4G/5G, and extensions such as 10GbE, additional COM ports, or fieldbus/RT Ethernet.
- » Project-based customizability (e.g., additional LAN/10GbE, additional COM ports, fieldbus/real-time Ethernet as needed)
- » Lifecycle and service options (e.g., warranty extension up to 5 years, defined service levels) for predictable operation
- » CO2e-compensated production & logistics – environmentally conscious computing thanks to a climate-neutral footprint

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General housing characteristics

Housing	Robust aluminum housing, yellow front and rear, cooling fins, fanless
Dimensions	256 x 170 (209) x 58 mm
Weight	Approx. 2.5 kg
Operating temperature	<ul style="list-style-type: none"> ■ 0° C – +60° C ■ -40° C - +60° C (optional)
Storage temperature	■ -40° C – +85° C
Humidity	95%, non-condensing
Input voltage	<ul style="list-style-type: none"> ■ 12-24 V DC ± 10% ■ 9-60 V DC ± 10% (optional)
Keys	Power Button, Reset
Status indicators	1 x Power LED, 1 x HDD LED
Certifications & Standards	CE, MIL-STD-810G Compliant
Vibration resistance	3.5 Grms
Sealing	IP65 (except for connections)

System properties

Operating system	Windows 11 IoT Enterprise, Windows 11 Pro (Standard), Ubuntu Linux, Yocto BSP
Processor options	<ul style="list-style-type: none"> ■ Intel® Core i3-1315UE* ■ Intel® Core i5-1345UE ■ Intel® Core i7-1365UE*
Graphics processor	<ul style="list-style-type: none"> ■ Intel® Iris® Xe Graphics ■ Intel® UHD-Graphics (nur Intel® Core i3)
System memory	■ 128 GB bis 2 TB M.2 PCIe Gen 4 NVMe / SATA SSD (optional)
Working memory	■ 4 bis 64 GB DDR5 4800 MHz

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Connections in the standard configuration³

USB	<ul style="list-style-type: none"> ■ 1 x USB 3.2 Typ-C Gen2x1 (10 Gbps, support DisplayPort 1.4 Alt. Mode) ■ 4 x USB Typ-A 3.2 Gen2x1 (10 Gbps) ■ 1 x USB4 Typ-C (up to 40 Gbps) (optional) ■ 2x USB 2.0 Typ-A (optional)
RJ45	<ul style="list-style-type: none"> ■ 2 x RJ-45 (1x 1GbE , 1x 2.5GbE) ■ 1x RJ45 (10 Gbps) (optional) ■ 2x RJ45 (1 Gbps) (optional)
Monitor output	<ul style="list-style-type: none"> ■ 1 x HDMI 2.0b (maximum resolution: 4096x2160 @ 60 Hz) ■ 1x DP 1.4 (maximum resolution: 4096x2304 @ 60 Hz) ■ Supports up to 3 external displays simultaneously via HDMI + DP + USB Type C Alt. Mode
RS232	<ul style="list-style-type: none"> ■ 2 x RS-232/422/485 (max. 1Mbps) ■ 2 x RS-232 (max. 1Mbps, 4-wire) (optional)
CAN Bus	<ul style="list-style-type: none"> ■ 2 x CAN 2.0 (optional)

Optional features

WLAN / Bluetooth*	Intel AX210 Tri-Band WiFi6E WLAN with Bluetooth 5.3
WWAN*	4G LTE high-speed internet up to 300 Mbps download, 50 Mbps upload; DFOTA support, DTMF support, MIMO, variants available for different regions (EMEA/ Australia/Brazil standard)
Boot on Power*	<ul style="list-style-type: none"> ■ 2 x RJ-45 (1x 1GbE , 1x 2.5GbE) ■ Switch on the computer as soon as it receives power ■ Automatically switch off the computer if there is no ignition signal
Additional connections & functions ^{3*}	5G WWAN FRMCS-ready ³ , GPS, LoRaWAN, Hailo-8 Edge AI Acceleration, CAN Bus/CANopen, DeviceNet, Profibus, CC-Link IE Field Basic, EtherCAT, POWERLINK, Modbus, PROFINET, Sercos, Varan, OPC UA, MQTT

Additional specifications

Innovative features	Gauss and Neural Accelerator 3.0, Thread Director, Image Processing Unit 6.0, Speed Shift Technology, Hyper-Threading Technology, Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2, Thermal Monitoring, Flex Memory Access, Volume Management Device (VMD)
Security Features	Watchdog timer, AES New Instructions, Boot Guard, Directed I/O virtualization technology (VT-d), OS Guard, TPM 2.0, virtualization technology (VT-x)

Other

Included accessories	External 110-240VAC power supply, mounting bracket
Warranty	2-year warranty, extended warranty available

* = Optional, minimum purchase quantity may be required ³ = Other configurations possible on a project basis. Let us know which connections you require.

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Model	Specifications	SKU
Rocksmart RSX1000	Industrial embedded computer Memory: 8 GB LPDDR5, 128 GB NVMe CPU: Intel Core i5-1345UE Connections: 2 x LAN, 1 x RS232/RS485, 2 x USB 3.0 (Type A), 1 x USB 3.0 Type C, DisplayPort External 110-240 VAC power supply Operating system: None	RSX1000-6R00100
	Storage	
	16 GB RAM / 256 GB SSD	RSX2000-9XXXXXX
	16 GB RAM / 512 GB SSD	RSX2000-0XXXXXX
	16 GB RAM / 1 TB SSD	RSX2000-EXXXXXX
	16 GB RAM / 2 TB SSD	RSX2000-FXXXXXX
	32 GB RAM / 256 GB SSD	RSX2000-GXXXXXX
	32 GB RAM / 512 GB SSD	RSX2000-BXXXXXX
	32 GB RAM / 1 TB SSD	RSX2000-CXXXXXX
	32 GB RAM / 2 TB SSD	RSX2000-HXXXXXX
	64 GB RAM / 512 GB SSD	RSX2000-JXXXXXX
	64 GB RAM / 1 TB SSD	RSX2000-KXXXXXX
	64 GB RAM / 2 TB SSD	RSX2000-LXXXXXX
	Operating System & Misc	
	Windows 11 Pro	RSX2000-XXXXXXP
Windows 11 IoT Enterprise	RSX2000-XXXXXXX	

Climate-neutral product

This product is climate neutral. The production and logistics of the Rocksmart RSX1000 generate 346 kg of CO2e emissions. These unavoidable emissions are fully and generously offset by Gold Standard projects. For more information about our environmental efforts, please visit <https://www.werocktools.com/company/environmental-protection/>



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Care

Warranty extension

With Care, you can extend the statutory warranty to up to 5 years, depending on the model, and benefit from our fast, professional service.



Premium Care

Warranty extension

For extended protection, PremiumCare provides you with additional, enhanced services, such as free configuration support and support for self-inflicted software problems within 90 days.

Service tickets are processed with the highest priority so that you can get back to work as quickly as possible. If a hardware repair takes longer than 7 business days, you will receive an equivalent replacement device to tide you over.



Warranty Plus

Fully Rugged Warranty

With Warranty Plus, your product is fully protected.

It is your comprehensive insurance that also covers you against material damage caused by normal use, wear and tear, and accidents. Even theft and fire damage are covered by our warranty*.

In the event of loss or total damage to the device, a complete replacement is possible.

* = Additional payment required

Order numbers

Item number	Description
SRV-RSX1000-C3NX	Warranty Extension 3 Jahre
SRV-RSX1000-P3NX	Premium Care Support 3 Jahre
SRV-RSX1000-W3NX	Warranty Plus 3 Jahre
SRV-RSX1000-C5NX	Warranty Extension 5 Jahre
SRV-RSX1000-P5NX	Premium Care Support 5 Jahre
SRV-RSX1000-W5NX	Warranty Plus 5 Jahre