



ROCKSMART RSC600 i5

High Power Industrial Panel PC

- Powerful 13th generation Intel Core i5 processor
- Completely passive cooling – no fan!
- Extremely flat housing with a depth of only approx. 7 cm
- Highly customizable for perfect project integration with low minimum order quantities
- Extensive touchscreen and display options



Rocksmart RSC600 Serie

- Industrial panel PC for production, HMI, or kiosk applications
- Powerful 13th generation Intel® Core i5 Deca-Core CPU
- Completely passive cooling – no fan!
- High shock and vibration resistance according to MIL-STD-810G
- High-quality, durable displays with up to 1000 nits brightness
- Flat, high-quality aluminum housing with IP65 front protection
- Perfect integration thanks to slim design with narrow frame (color can be customized)
- Extremely flat housing with only approx. 7 cm installation depth
- Highly customizable for perfect project integration with low minimum order quantities
- Smooth surface with gesture-enabled multi-touch screen or pressure-sensitive single touch screen
- Support for up to three external displays
- 128 GB to 1 TB M.2 NVMe system memory, 2nd SATA SSD hard drive up to 8 TB
- Up to 64 GB DDR5 RAM
- Outstanding Intel® Iris® Xe graphics
- 4 x USB 3.2 Gen 2x1, 1 x USB 3.2 Gen 2x1 (Type C), 2 x Ethernet, 1 x RS232/422/485
- Fieldbus and real-time Ethernet protocols can be integrated on a project basis
- 110-240 VAC power supply integrated, extended input voltage range 12–24 V (optional)
- Wide operating temperature range
- Supported operating systems Windows 10 IoT Enterprise LTSC, Windows 11 IoT Enterprise LTSC, Windows 11 Pro, Ubuntu Linux 22.04
- TPM 2.0 integrated – hardware-based tamper protection
- Easy installation via universal VESA mounting points or panel mounting
- Extensive configuration options, e.g., resistive touchscreen for thick work gloves, WiFi 6E, PoE, built-in speaker, additional connections
- CO2e emissions from production and logistics fully offset
- 2-year warranty

Climate-neutral product

This product is climate neutral. The production and logistics of the Rocktab RSC600 series generate between 67 and 121 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/>.



Driving your innovation

WEROCK Rocksmart RSC600 Panel PCs can be customized to your project requirements, both technically and visually. We understand that every company has its own identity and wants to present its products accordingly. WEROCK offers you the possibility to customize your Panel PC according to your requirements for a perfect integration into your project.

Simple changes can often be made for orders of 25 units or more, some of them even at no additional cost. Let us know your requirements and we will be happy to check whether they can be implemented.

Appearance

- Housing color according to your requirements
- Frame color of the touchscreen
- Logo print on touchscreen
- Packaging according to customer requirements
- Individual type plates
- Custom boot logo
- Complete housing redesign



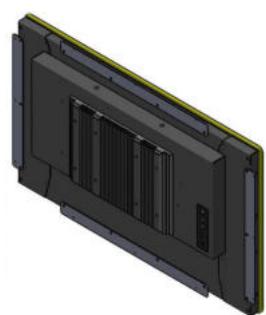
Display adjustments

- Pressure-sensitive single touch or multi-touch screen suitable for gestural control
- Version without touch screen available
- Clarity View – optical bonding for improved readability and robustness
- Sunlight-readable displays up to 2000 nits
- Vandal-proof displays for vending machines
- AR/UV filter to increase service life



Technical adjustments

- Customized additional connections (e.g., additional USB, RJ45, or RS232 connections)
- Custom processor configurations, RAM, memory, etc.
- Integrated heating for integration into outdoor kiosks
- Connectivity options as required: WLAN/BT, 4G or 5G
- 9-36 V DC input voltage range
- Built-in speakers
- Integration of RFID/NFC read/write modules



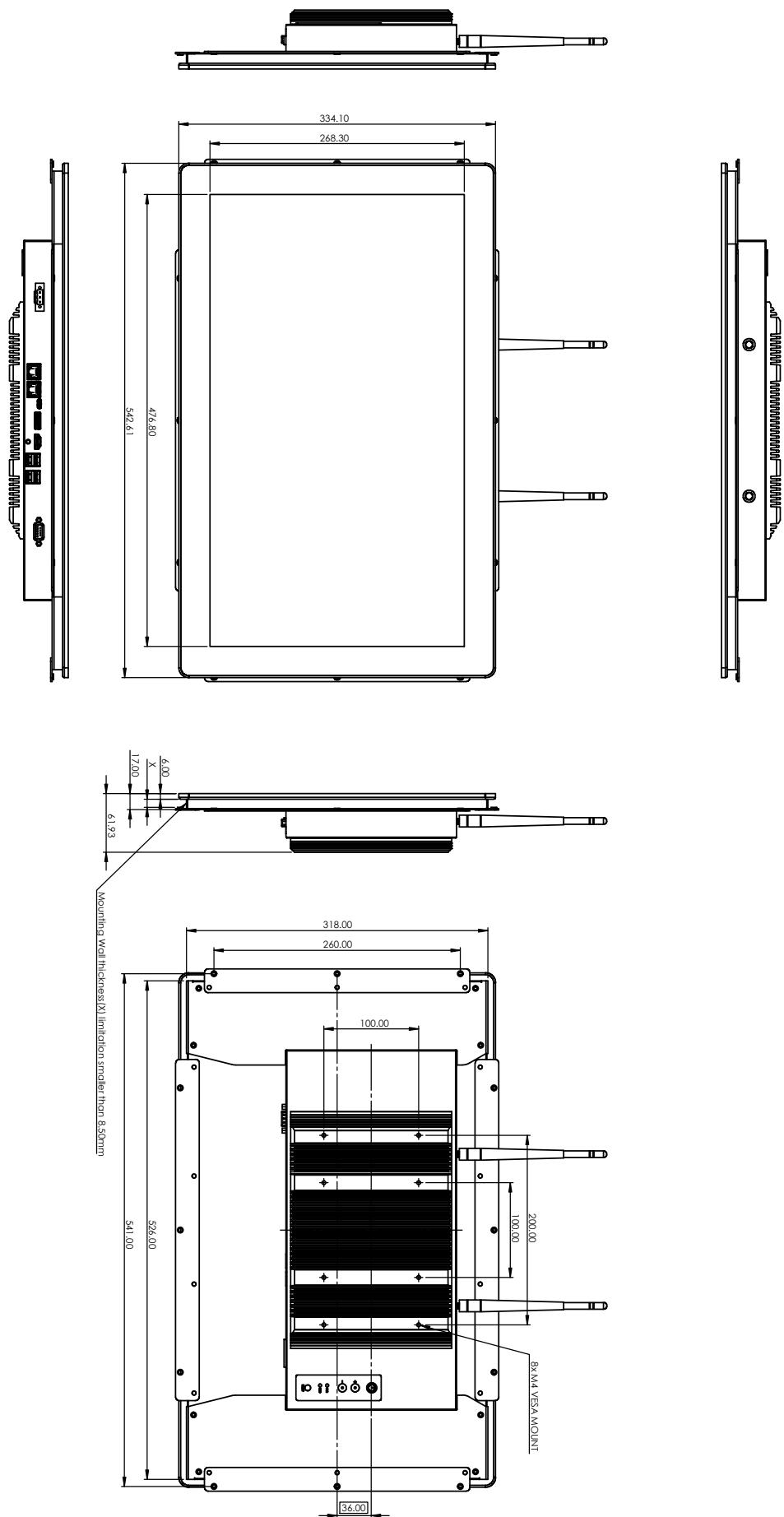
Technical specifications

| General housing characteristics | | Connections | |
|---------------------------------|--|---|---|
| Housing | Robust aluminum housing, yellow front frame, black rear panel, black cooling fins, fanless | Electricity input | 3-pin connector, screw-lockable |
| Dimensions | <ul style="list-style-type: none"> ■ 21,5": 544 x 333 x 63 mm ■ 24": 578,5 x 350,5 x 71,1 mm ■ 27": TBD | Serial ports | <ul style="list-style-type: none"> ■ 1 x RS232/422/485 ■ 2 x RS-232/422/485, 2 x RS-232* ■ 2 x CAN 2.0* ■ SMBUS/I²C* ■ GPIO 8-bit general-purpose input output I/O* |
| Cut-out dimensions | <ul style="list-style-type: none"> ■ 21,5": 526,0 x 318,0 mm (Mounting Wall Thickness(X): 4,5 bis 8,5 mm) ■ 24": 568 x 342,1 mm (Mounting Wall Thickness(X): bis 17,5 mm) ■ 27": TBD | USB | <ul style="list-style-type: none"> ■ 4 x USB3.2 Gen2x1 10 Gbps (Type A) ■ 1 x USB 3.2 Gen2x1 10 Gbps, DisplayPort 1.4 Alt Support (Type C) ■ 1 x USB 4 >20 Gbps (USB 3.2, Display & PCIe Support)* |
| Assembly | Universal VESA mounting points, flush mounting | RJ45 | ■ 2 x RJ45 (1 x Gbit, 1 x 2,5 GBit) |
| Sealing | IP65 front | Monitor output (maximum resolution: 4096x2160@60Hz) | <ul style="list-style-type: none"> ■ 1 x HDMI 2.0b ■ 1 x DisplayPort 1.4 |
| Operating temperature | 0° C – +60° C | System characteristics | |
| Storage temperature | -20° C – +70° C | Operating system | Windows 10 IoT Enterprise, Windows 11 IoT Enterprise, Windows 11 Pro (Standard), Ubuntu Linux, Yocto BSP |
| Vibration resistance | 3.5 Grms | Processor options | <ul style="list-style-type: none"> ■ Intel® Core i5-1345UE ■ Intel® Core i3-1315UE* ■ Intel® Prozessor U300E* |
| Humidity | 95%, non-condensing | Graphics processor | ■ Intel® UHD-Grafik |
| Input voltage | <ul style="list-style-type: none"> ■ 110 - 240 V AC (standard) ■ 12 - 24 V DC* ■ 9 - 36 V DC* | System memory | <ul style="list-style-type: none"> ■ 128 GB to 2 TB M.2 PCIe Gen 4 NVMe ■ SATA Gen III SSD bis 8 TB* |
| Weight | <ul style="list-style-type: none"> ■ 21,5": 7,3 kg ■ 24": TBD ■ 27": TBD | Working memory | ■ 4 to 64 GB DDR5 4800 MHz |
| Keys | Power Button, Reset, Brightness control | Further specifications | |
| Status indicators | 1 x Power LED, 1 x HDD LED | 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) |
| Display options | | 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) |
| Display | High-quality, high-contrast industrial LED display, viewing angle >89° from all axes, MTBF >30,000 hours | Optional features | |
| Available display sizes | <ul style="list-style-type: none"> ■ 21,5": 1920 x 1080, 300 nits ■ 24": 1920x1080, 300 nits ■ 27": 1920x1080, 350 nits | WLAN / Bluetooth* | Intel AX210 Tri-Band Wi-Fi 6E WLAN with Bluetooth 5.3 |
| Touch screen | <ul style="list-style-type: none"> ■ Robust, PCAP multi-touch screen with 10 touch points, glove-operable, surface hardness >=7H ■ Robust, pressure-sensitive single-touch touch screen (5W resistive touch screen, 21,5" version only) | 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) |
| Option for brighter display | 1000 nits, available for all models | Boat on power | Switch on the computer as soon as it receives power |
| Optional Clarity Display | Enhanced image display and maximum robustness via optical bonding | Internal speaker* | 1 x internal speaker |
| Other | | | |
| Included accessories | External power supply | | |
| Optional accessories | See accessories catalog | | |
| Warranty | 2-year warranty, extended warranty available | | |

* = Optional, minimum purchase quantity may be required

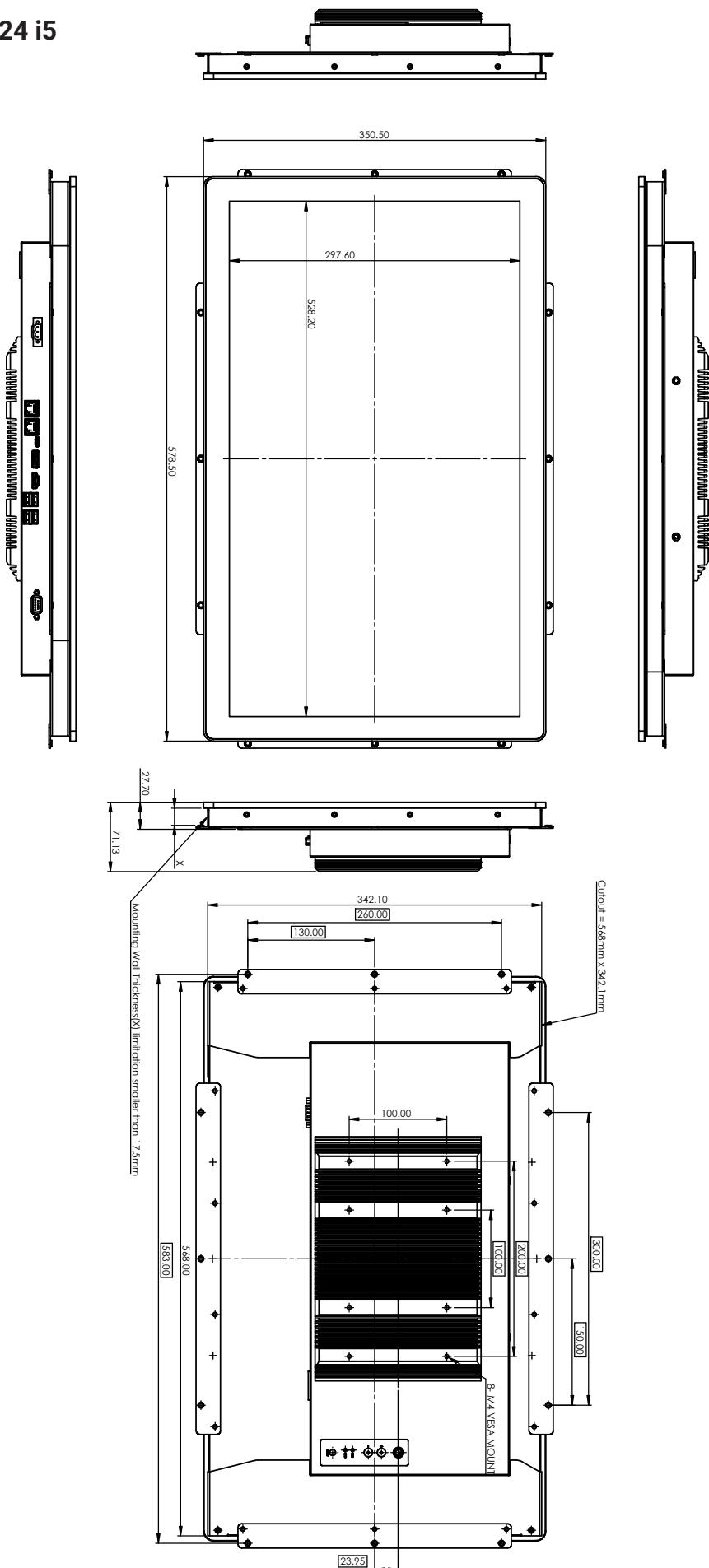
Drawings

Rocksmart RSC622 i5



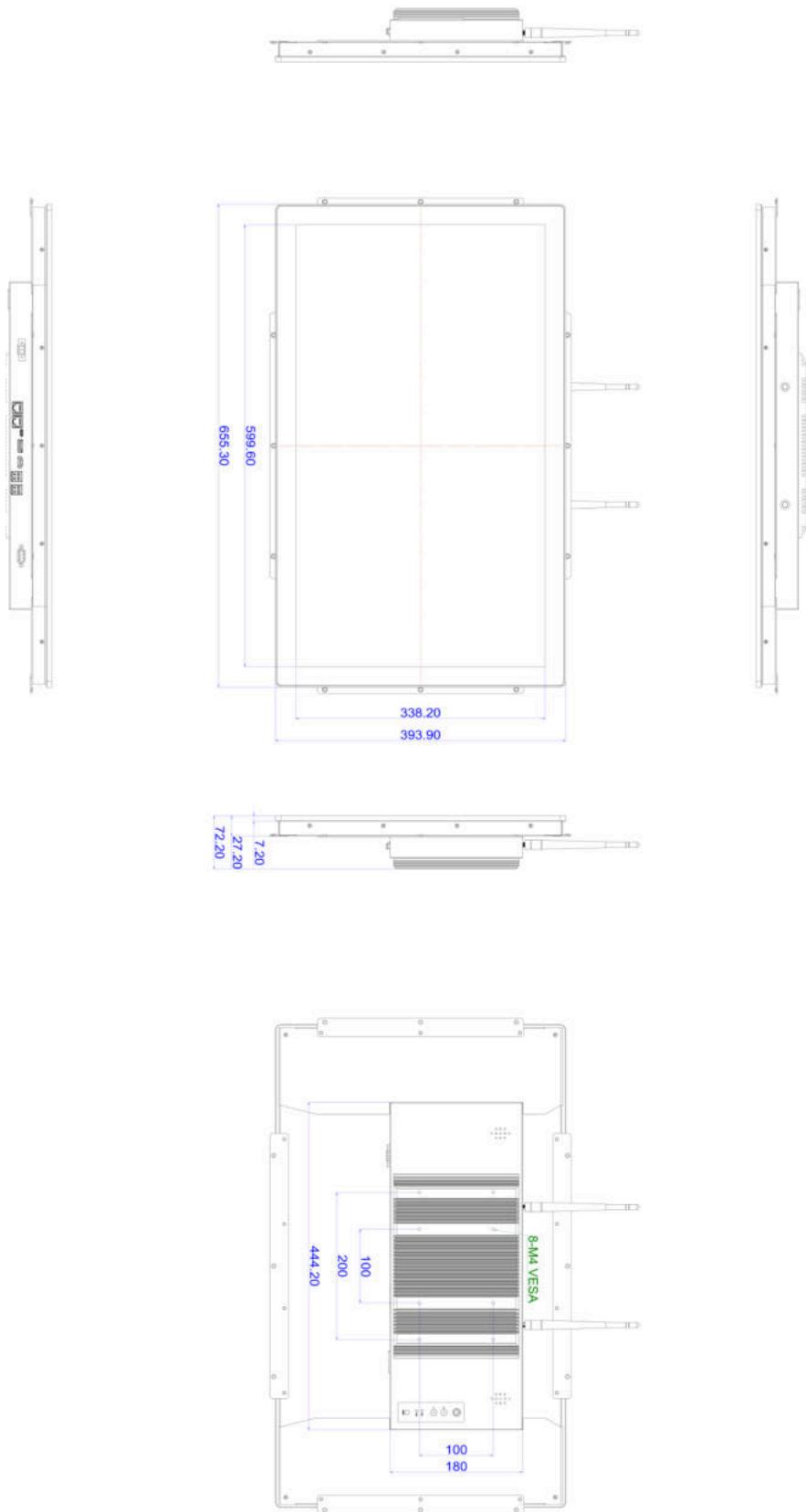
Drawings

Rocksmart RSC624 i5



Drawings

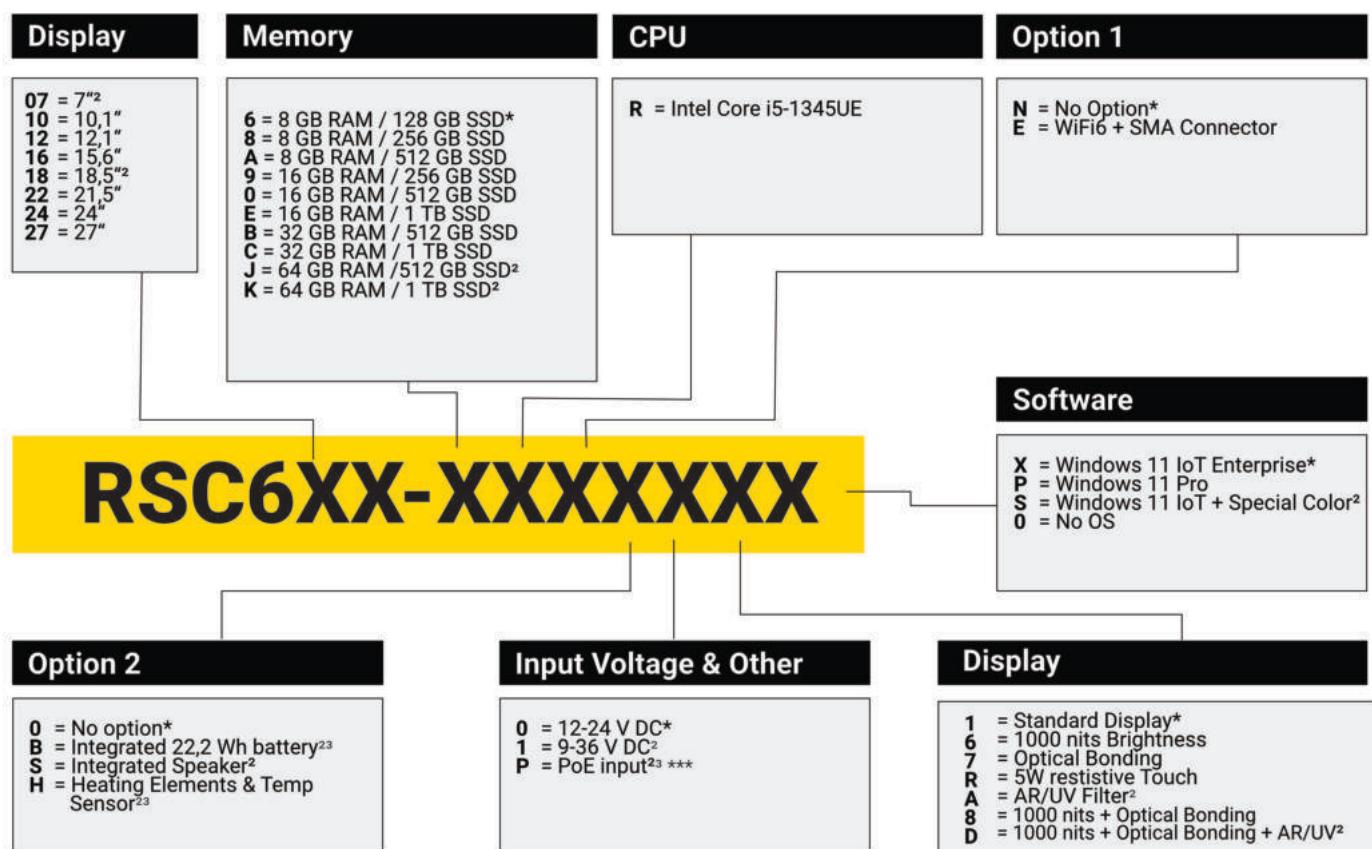
Rocksmart RSC627 i5



SKU Finder



Rocksmart RSC600



* = Standard; ² = need MOQ ³ = Only Celeron Version *** = Limited configuration options due to power consumption

Rocksmart RSC600

| Model | Specifications | SKU |
|------------------|---|----------------|
| Rocksmart RSC600 | Memory: 8GB DDR4-3200, 128 GB SSD CPU: Intel Celeron J6412 Connectors: 3 x USB 3.1 Gen2, 3 x USB 2.0, 2 x RJ45, 2 x HDMI, 1 x RS232 Entrance: 12-24 V DC (incl. 110-240 VAC EU Power Supply) Operating System: Windows 11 IoT Enterprise PCAP Touchscreen | RSC6XX-6RN001X |
| | Display: 21,5" 1920x1080/300 nits | RSC622-6RN001X |
| | Display: 24" 1920x1080/300 nits ² | RSC624-6RN001X |
| | Display: 27" 1920x1080/350 nits ² | RSC627-6RN001X |
| | Memory | |
| | 8 GB RAM / 256 GB SSD | RSC6XX-8XXXXXX |
| | 8 GB RAM / 512 GB SSD | RSC6XX-AXXXXXX |
| | 16 GB RAM / 256 GB SSD | RSC6XX-9XXXXXX |
| | 16 GB RAM / 512 GB SSD | RSC6XX-0XXXXXX |
| | 16 GB RAM / 1 TB SSD | RSC6XX-EXXXXXX |
| | 32 GB RAM / 512 GB SSD | RSC6XX-BXXXXXX |
| | 32 GB RAM / 1 TB SSD | RSC6XX-CXXXXXX |
| | 64 GB RAM / 512 GB SSD ² | RSC6XX-JXXXXXX |
| | 64 GB RAM / 1 TB SSD ² | RSC6XX-KXXXXXX |
| | CPU option | |
| | Intel Core i5-1345UE 10 Core, 4,6GHz | RSC6XX-XRXXXXX |
| | Wireless connectivity | |
| | WiFi6 + SMA connector | RSC6XX-XXEXXXX |
| | Other options | |
| | Integrated 22.2 Wh battery ^{*3} | RSC6XX-XXXBXXX |
| | Heating elements and temperature sensor ^{*3} | RSC6XX-XXXHXXX |
| | Built-in speaker* | RSC6XX-XXXSXXX |
| | Input voltage | |
| | 9-36 V DC* | RSC6XX-XXXX1XX |
| | PoE Input ^{**} *** | RSC6XX-XXXXPXX |
| | Display- & Touch-options | |
| | High Brightness | RSC6XX-XXXXX6X |
| | Optical Bonding | RSC6XX-XXXXX7X |
| | 5W Resistive Touch | RSC6XX-XXXXXRX |
| | AR/UV Filter* | RSC6XX-XXXXXAX |
| | 1000 nits + Optical Bonding | RSC6XX-XXXXX8X |
| | 1000 nits + Optical Bonding + AR/UV* | RSC6XX-XXXXDX |
| | Operating system & other | |
| | Windows 11 Pro | RSC6XX-XXXXXP |
| | Windows 11 IoT Enterprise Core i5 | RSC6XX-XXXXXX |
| | Windows 11 IoT & Special Color* | RSC6XX-XXXXXS |
| | No OS | RSC6XX-XXXXX0 |

Servicepakete

 CARE

Care

Warranty extension

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

 PREMIUM
CARE

Premium Care

Warranty extension

For extended protection, PremiumCare provides additional, enhanced services such as free configuration support and support for user-induced software problems within 90 days.

Service tickets are handled 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-Garantie

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*.

If the device is lost or completely damaged, a complete replacement is possible.

* = Additional payment required

Order numbers

| Item number | Description |
|-----------------|------------------------------|
| SRV-RSC600-C3NX | Warranty Extension 3 years |
| SRV-RSC600-P3NX | Premium Care Support 3 years |
| SRV-RSC600-W3NX | Warranty Plus 3 years |
| SRV-RSC600-C5NX | Warranty Extension 5 years |
| SRV-RSC600-P5NX | Premium Care Support 5 years |
| SRV-RSC600-W5NX | Warranty Plus 5 years |