

SID-10WR2

10.1" Semi-Industrial Panel PC with RK3568



Product Features

- 10.1" 1280 x 800 Semi-Industrial Panel PC with PCAP touch
- 2GB DDR4 / 32GB eMMC
- Support Android 11, Debian 11
- Rockchip RK3568 Arm Quad Cortex-A55, up to 2.0GHz
- Fanless operation from -20°C ~ 60°C (-4°F ~ 140°F)

Specification

System Information

Processor Rockchip RK3568 Arm Quad Cortex-A55, up to 2.0GHz

System Memory 2GB DDR4

Storage

Storage 32GB eMMC

Display

Graphic Chipset Mali-G52 support OpenGL ES 1.1/2.0/3.2, Vulkan 1.0/1.1, OpenCL 2.0

Audio

Audio Interface 1 x Line-Out

Speaker Output Optional

Ethernet

LAN Chipset Realtek RTL8211F-CG

Ethernet Interface 10/100/1000 Base-Tx GbE compatible



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Power Requirement

DC Input	+12V ~ +24V
DC Input Connector	Lockable DC Jack
Adapter	Input: 100~240 Vac/50~60 Hz Output: 60W Adapter (12V @ 5A Adapter)

Software Support

OS	Android 11 / Debian 11
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Certification

Certification Information	CE, FCC Class B
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Panel

LCD Size	10.1"
LCD Panel	TFT
Resolution	1280 x 800
Pixel pitch	0.1695 (H) x 0.1695 (V) mm
Luminance	350 cd/m ²
Contrast ratio	800
Viewing angle	85 (U), 85 (D), 85 (L), 85 (R)
Response time	30 ms
Backlight	LED
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Light Transmission	>86%

External I/O

USB Port	2 x USB 3.0
Audio Port	1 x Headphone Jack
LAN Port	1 x RJ45
COM Port	1 x RS232 (DB9)
HDMI	1 x HDMI 2.0 Out
Antenna	2 x Wi-Fi/BT Antenna
DC input	1 x DC Jack

Other	1 x Power button with LED 1 x Reset button
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Wireless Communication

WLAN	Optional Wi-Fi 802.11ac/a/b/g/n
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Bluetooth	Optional BT 5.0
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Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	258.8 x 182.8 x 41.1 mm
Weight	1.36 kg
IP Rating	Front panel IP65
VESA	75 x 75
Power Requirement	DC +12 ~ +24V
Power Mode	AT/ATX (ATX is default)
System Fan	Fanless
Color	Black
Construction	Metal

Packing List

Packing List	1 x AC/DC 60W Adapter 12V/5A 1 x Power Cord
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Ordering Information

Ordering Information	SID-10WR2-6803-A1R : SID-10WR2 DC In, Android 11
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