

TPC120-A26

The ultra-thin series Android Panel PC with slim frame and VESA holes design enables wall mounted, desktop, cantilever mounted installation. It is made of self-developed industrial ARM board with RK3568 processor and supports 24h stable operation in different environments. The slim design and IP65 front to satisfy commercial and industrial applications such as Self-service terminals, Smart city, Automation, Machinery, Transportation, IoT, Energy management, etc.

Features

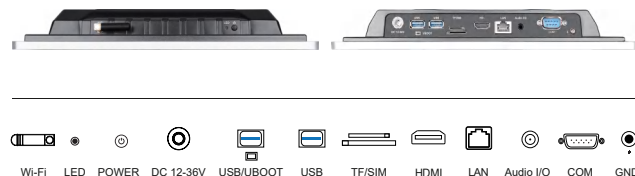
- Aluminum alloy frame, VESA mount
- Fanless, excellent heat dissipation design
- Capacitive multi touch
- RK3568 Quad-core high-performance CPU clocked at 2.0GHz
- Built-in independent NPU with 1TOPS AI
- Provide SDK package, Support secondary development and upgrade customization



Model

Product size	12"
Non-touch	TPC120-A2600
Capacitive touch	TPC120-A2610
Resistive touch	TPC120-A2620

I/O Interface



Specification

Screen Parameter

Display type	12" TFT LCD screen
MAX.resolution	1024*768(4:3)
Viewing angle(H/V)	85/85/85/85 (L/R/U/D)
Luminance (cd/m²)	500 cd/m²
Contrast ratio	1000:1

Touch Parameter

Touch type	Projection capacitive touch 10-point multi touch	Resistive touch Single point	Non-touch
Transmittance	≥88%	≥78%	≥92%
Touch object	Hand or capacitive touch pen	Fingertip or stylus	/
Protocol/Interface	USB (COM customized)	USB (COM customized)	/

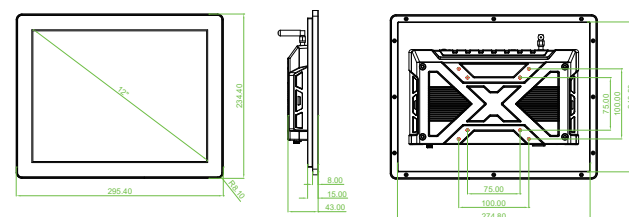
Power Parameter

Power input	DC 12V-36V
Power adapter	24V/2.5A

Configuration

CPU	RK3568, Quad-core 64-bit Cortex-A55 , Up to 2.0GHz	Wi-Fi	Wi-Fi 6, Single Band 2.4GHz
Memory/RAM	2GB DDR4 (Supports up to 4GB)	Bluetooth	BT5.2
Storage	32GB EMMC (Supports up to 256GB)	Watchdog Timer	Support
NPU	Built-in NPU with 1TOPS AI	RTC real time clock	Support
Operating system	Android12/14, Linux5.10/Ubuntu20.04/Ubuntu22.04/Debian11	Timer switch	Support

Dimension



Physical Characteristic

Overall dimensions	W295.4x H234.4x D43mm
Installation size	W276.8 x H215.8mm
Material	Aluminum alloy
Color	Front panel is silver color, center panel and back cover are black color
Installation	Support Back hanging/Wall-mounted/Desktop/VESA mount/ Suspended mounting, etc.

Interface Parameter

PowerSW	1*PowerSW
Power input	1*Threaded DC connector (Diameter 5.5*2.1mm)
USB	2*USB3.0
TF	1*TF card
HDMI	1*HDMI output, up to 4K
SIM	1*SIM (must be work with 3G/4G/5G module)
Ethernet	1*LAN, 10M/100M/1000M adaptive ethernet
Audio	1*Audio I/O
Serial port	1*COM (The default is RS232, optional RS485/RS422)
Reset key	1*UBOOT
Wi-Fi antenna	1*Wi-Fi antenna
Speaker	2*(8Ω2W)
Grounding	1*GND

Reliability Parameter

Operating temperature	-10°C~60°C (-20°C~70°C can be customized)
Storage temperature	-20°C~70°C
Relative humidity	95% non-condensing