WAM Series

WAM1012

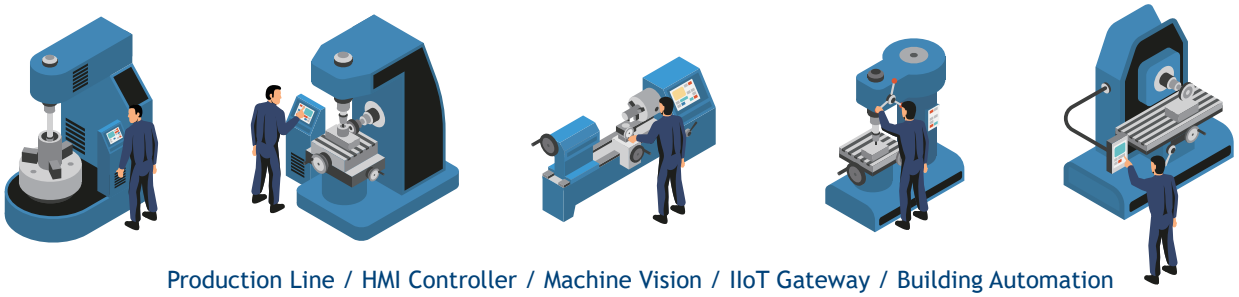
MACTRON GROUP

10.1" Panel Mount Touch Panel PC (Android)

IP65 | Fanless | PCAP | WIFI | Bluetooth | Panel Mount



- 16:10 Ratio with 10.1” True-Flat PCAP touch
- Quad-core ARM Cortex-A55 RK3568 Processor
- Aluminum Alloy Housing
- Fanless & Front Panel IP65
- Support Wide-Range Voltage DC power input
- Supports panel mount, wall mount, VESA, and desktop stand



Production Line / HMI Controller / Machine Vision / IIoT Gateway / Building Automation

Specification

WAM1012

Display

Display Type	10.1” TFT LCD
Resolution	1280 x 800
Brightness	300 nits (Optional up to 800 nits)
Touch Panel	10 Points Multiple PCAP touch
Aspect Ratio	16:10

Main System

CPU	Quad-core Cortex-A55 RK3568 Processor
	Quad-core Cortex-A55 Quad-Core + Quad-core
	Cortex-A76 RK3588 Processor (Optional)
GPU	Mali-G52 for RK3568
	Mali-G610 for RK3588
Memory	2GB (Max.8GB)
Storage	32GB (Max.128GB)
OS Support	Android 12 (RK3568)
	Android 13 (RK3588)
Function Support	WiFi 802.11 a/b/g/n/ac 2.4G (External Antenna)
	Bluetooth 4.2
	RTC
	UBOOT
IO Ports	1 x Phoenix type connector
	1 x DC-in
	2 x USB
	1 x RJ-45 LAN (RK3568) / 2 x RJ-45 LAN (RK3588)
	1 x HDMI
	1 x SIM card slot
	1 x TF card slot
	1 x Audio (Mic-in & Line-out)
	1 x COM (RS232)

Physical

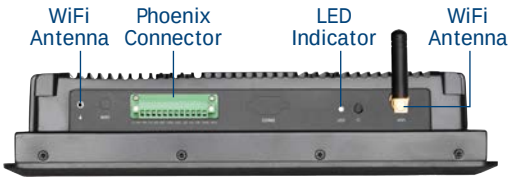
Internal Speaker	2x 2W
Power Adapter	DC 24V/2.5A
Mounting	Panel Mount, VESA 75 x 75 mm & 100 x 100 mm,
Housing	Wall mount, Desktop stand
Standard Accessory	Aluminum Alloy Housing
	Power Adapter
	Power Cable
	Snap Screw
Product Dimension	283.7 x 186.2 x 60 mm
Product Weight	2.3 kg

Environment

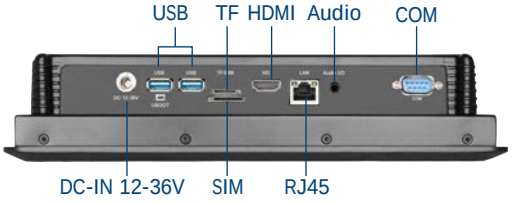
Rugged Feature	Front IP65
Certification	CE, FCC Class B
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Relative humidity	95% RH non-condensing

Overview

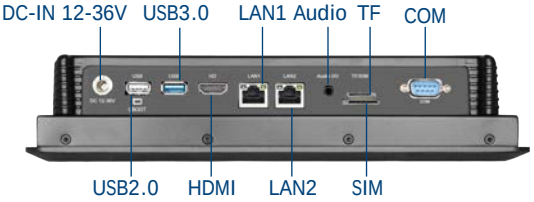
Unit : mm



RK3568 IO View



RK3588 IO View



Dimension

Unit : mm

