

# TQ12-51AC

12.1" Intel® Celeron®/Core™ Processor  
Industrial Panel PC



## Features:

- Support Intel® Celeron®/Core™ i(6/7th Gen) series processor
- Industrial-grade 12.1" widescreen display with PCAP multi-touch
- Support 4\*USB+6\*COM
- Dual Gigabit Ethernet ports(Intel® I211-AT)
- Fanless design
- IP65-rated front panel
- Optional wide input voltage range 9~36v

## Specifications:

### System Hardware

CPU	Support Intel® J1900/J3855/3865/Core™ i(6/7 th Gen.) series processor	Storage	Up to 512GB
Memory	Up to 8GB	Watchdog	255 timer levels, setup by software

### Display

LCD Type	12.1" TFT-LCD	Viewing Angle	160°(H)*145°(V)
Max. Resoluion	1280*800	Contrast Ratio	800: 1
Luminance	350 cd/m <sup>2</sup>	Backlight Life-Time	50000 hr.(min.)

### Touchscreen

Touchscreen Type	Multi-touch projected capacitive	Hardness	6H
Light Transmission	>85%		

### OS

os	Windows 7、Windows 10、Linux
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### I/O Ports

USB	3*USB 2.0 + 1*USB3.0 (Celeron® J1900) 4*USB 3.0 (J3855U/3865U/Core™ i(6/7th Gen))	Audio	1*Line-out, 1*Mic-in
Serial port	6*RS232(1*RS422/RS485 optional)	Video	1*HD, 1*VGA
LAN	2* RJ45 Gigabit Ethernet (Intel® I211-AT)	GPIO	4In/4Out
		Expansion Slot	1*Mini PCIe(Wifi/BT/3G/4G optional)

## Power

Power Input 9~24V DC Input(9~36V DC optional), 12V/5A power adapter

## Environment

Operating Temp. 0°C~50°C, with air flow

Storage Temp. -30°C~70°C

Humidity 95% @40°C, non-condensing

IP Rating Front panel IP65

Shock Protection acceleration 10G/11ms

Vibration Protection 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration

## Mechanical

Dimension (WxHxD) 308.6\*210.8\*52.5mm

Weight 2.12kg

Color Silver

Mounting

VESA mounting: 75\*75mm, 100\*100mm

Panel mounting: 298\*201mm

## Dimensions:

