

PCLOG 21W QC fanless

3mm slim bezel design, optimized for embedded installation, with a front panel rated IP65 for dust and water resistance.

CE / RoHS / FCC / UL certificated.

2.5G Lan support EtherCat.

Features

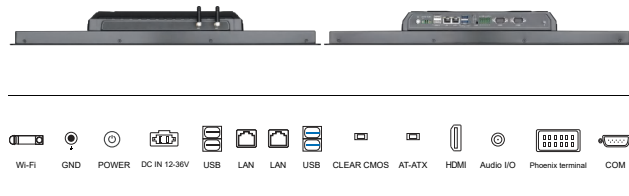
- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Supports wide temperature and wide voltage operation.
- Self-developed X86 architecture industrial motherboard
- Intel Celeron J6412 quad-core 2.0GHz processor
- Compatible with Windows/Ubuntu/Kylin/UOS and other systems
- Compliant with EMC electromagnetic interference standards



Model

Product size	21.5"
Non-touch	-----
Capacitive touch	PCLOG 21W QC fanless
Resistive touch	-----

I/O Interface



Specification

Screen Parameter

Display type	21.5" TFT LCD screen		
MAX resolution	1920*1080 (16:9)		
Viewing angle(H/V)	89/89/89/89 (L/R/U/D)		
Luminance (cd/m ²)	250~300 cd/m ²		
Contrast ratio	1000:1		

Touch Parameter

Touchscreen	Projection capacitive touch 10-point multi touch	Resistive touch single point	Non-touch
Light transmission	≥88%	≥78%	≥92%
Controller	USB (COM customized)	USB (COM customized)	/

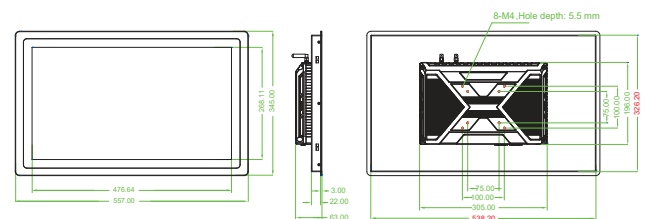
Power Parameter

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

Configuration

CPU	Intel Celeron J6412, Frequency 2.00GHz (Maximum RF: 2.6GHz)
Memory/RAM	8GB (Supports up to 32GB)
Storage	128GB SSD (Optional: 256GB/512GB/1TB/2TB/4TB, etc.)
GPU	Intel UHD Graphics 16 EUs
Operating system	WIN10/11, Ubuntu/Centos/Redhat/Debian/almalinux/Kylin/UOS

Dimension



Physical Characteristic

Overall dimensions	W557x H345x D63mm
Installation size	W540.2x H328.2mm
Material	Aluminum alloy
Color	Black, optional silve
Installation	Supports Panel-mount/Wall-embedded/Wall-mounted/Desktop/Folding mounting/VESA mount/Suspended mounting, etc.

Interface Parameter

PowerSW	1*PowerSW
Power interface	1*2P Phoenix Terminal (Supports 12-36V)
Phoenix terminal	1*12P Phoenix Terminal (232*1/485*1/NC*6 with 6P interface reserved)
USB	4*USB (2*USB2.0, 2*USB3.0)
CLEAR CMOS	1*CLEAR CMOS DIP Switch
AT-ATX	1*AT-ATX DIP Switch
HDMI	1*HDMI output, up to 4K
Ethernet	2*LAN: 1x2.5G, 1x 10M/100M/1000M adaptive Ethernet
Audio	1*Audio I/O, Support audio input and output
Serial port	2*COM (The default is RS232, optional RS485/RS422)
Wi-Fi antenna	2*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

Wi-Fi	Dual Band 2.4GHz+5GHz
Bluetooth	BT5.0
Watchdog Timer	Support
RTC real time clock	Support
Timer switch	Support