

PCLOG 19 QC fanless

The unit features a 3mm slim bezel design, optimized for embedded installation, with a front panel rated IP65 for dust and water resistance. It offers low power consumption, robust expandability, practical functionality, and excellent EMC compatibility, making it widely suitable for industrial automation, equipment control, power monitoring, human-machine interaction, and other industrial applications.

Features

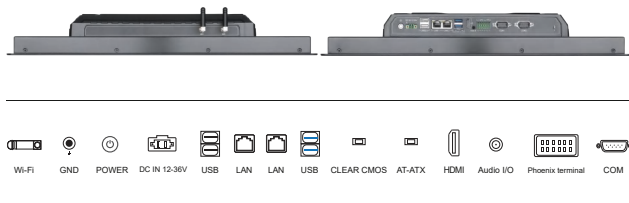
- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Supports wide temperature and wide voltage operation.
- Self-developed X86 architecture industrial motherboard
- Intel Celeron J6412 quad-core 2.0GHz processor
- Compatible with Windows/Ubuntu/Kylin/UOS and other systems
- Compliant with EMC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



Model

Product size	19"
Non-touch	-----
Capacitive touch	PCLOG 19 QC fanless
Resistive touch	-----

I/O Interface



Specification

Screen Parameter

Display type	19" TFT LCD screen		
MAX resolution	1280*1204 (5.4)		
Viewing angle(H/V)	85/85/80/80 (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)	/

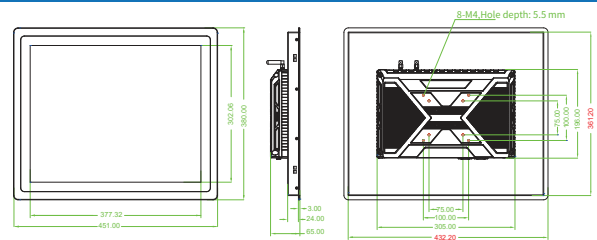
Power Parameter

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

Configuration

CPU	Intel Celeron J6412, Frequency 2.00GHz (Maximum RF: 2.6GHz)	Wi-Fi	Dual Band 2.4GHz+5GHz
Memory/RAM	8GB (Supports up to 32GB)	Bluetooth	BT5.0
Storage	128GB SSD (Optional: 256GB/512GB/1TB/2TB/4TB, etc.)	Watchdog Timer	Support
GPU	Intel UHD Graphics 16 EUs	RTC real time clock	Support
Operating system	WIN10/11, Ubuntu/Centos/Redhat/Debian/almaLinux/Kylin/UOS	Timer switch	Support

Dimension



Physical Characteristic

Overall dimensions	W451x H380x D65mm
Installation size	W434.2x H363.2mm
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, 10M/100M/1000M adaptive Ethernet, 3G/4G customized
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