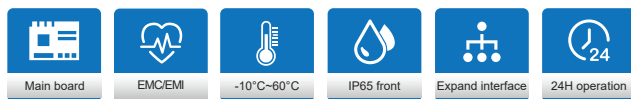


TPC120-M40

Adopting higher-standard LCD screens and high-precision touch screens, the unit features an aluminum alloy structure with a fully enclosed, fanless design. Specifically engineered for complex medical environments, it ensures long-term stable operation under demanding medical conditions. The product has obtained medical certification reports for EMI, ESD, safety compliance, surge immunity, and radiated emissions. It is widely used in intelligent terminal equipment for medical treatment, medical diagnosis, and medical-assisted self-service terminals.

Features

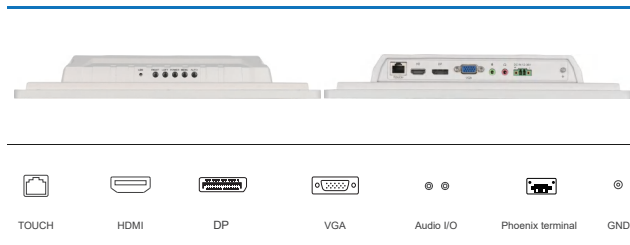
- Display driver board independently developed, multiple touch control methods available.
- Industrial-grade protection, adaptable to various harsh environments.
- Upgraded anti-interference internal layout.
- Anti-vibration and anti-radiation structural design.
- Obtained medical industry test reports.



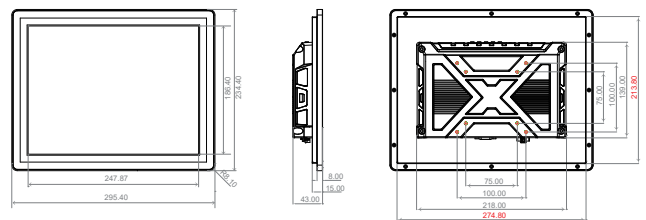
Model

Product size	12"
Non-touch	TPC120-M4002
Capacitive touch	TPC120-M4012
Resistive touch	TPC120-M4022

I/O Interface



Dimension



Physical Characteristic

Overall dimensions	W295.4x H234.4x D43mm
VESA	75x75mm, 100x100mm, M4 screw hole
Material	Aluminum alloy
Color	White
Installation	Supports Back mounted/Wall mounted/Desktop/Louver/Cantilever Boom type, etc.

Specification

Screen Parameter

Display type	12" TFT LCD
MAX.resolution	1024*768(4:3)
Viewing angle(H/V)	85/85/85/85 (L/R/U/D)
Luminance (cd/m²)	300 cd/m²
Contrast ratio	700:1

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)	/

Configuration

CPU	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT
System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60Hz Color 16bit/24bit/32bit

Power Parameter

Power input	DC 12V-36V	Power adapter	24V/1.5A
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Interface Parameter

Power interface	1*2Pin Phoenix terminal (Optional with thread DC 5.5*2.1)
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*RJ45 port (USB defined) comes standard with RJ45 to USB touch cable
VGA	1*VGA, Analog signal transmission
DP	1*DP
Audio interface	1*Audio I/O, Support audio input and output
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