

# VPC-224

## MEDICAL PANEL COMPUTER

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Medical Computer Solutions



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The **Artech Medical Panel PC** is an advanced healthcare computing solution designed to meet the dynamic needs of medical professionals. This device provides a sterile, efficient, and user-friendly platform suitable for all clinical environments.

### KEY FEATURES

- **Domestic Manufacturing Advantage:** High reliability with quality standards ensured through local production.
- **Optimal Sterility Standards:** Fully hygienic design that is easy to disinfect and suitable for cleaning with medical-grade disinfectants.
- **Hygienic Port Cover:** A special port protection cap prevents the accumulation of dust and liquids at all input points.
- **User-Centred Design:** Featuring a 24" touchscreen interface, the system delivers an enhanced user experience, simplifying medical tasks in any environment.
- **Reliable Performance:** Seamless integration with existing hospital information systems and uninterrupted data access.
- **Advanced Imaging:** 24" Full HD (1920x1080), 16:9 widescreen touch display provides crystal-clear medical imaging and data visualization.
- **IP65 Front Panel Protection:** Full protection against dust and liquid intrusion for clinical safety.
- **Silent, Fanless Operation:** Contributes to a quiet and comfortable healthcare environment by reducing ambient noise.
- **Enhanced Cooling Design:** The optimized thermal structure ensures an extended lifespan and improved environmental durability.
- **VESA Mount Compatibility:** Supports multiple mounting options for easy integration into clinical settings.

## TECHNICAL SPECIFICATIONS

## ORDER CODE

CPU	: i5.12th Gen Processor (i5-1235U)
PSU	: 24 VDC
RAM	: R4, R8, R16, R32
HDD	: 500 GB HDD (Optional), 256 GB SSD, 128 GB SSD, 64 GB SSD
Wi-Fi	: Optional

## SYSTEM

CPU	: i5.12th Gen Processor (i5-1235U)
Cache	: By CPU
Memory	: DDR4 8GB   SD 256GB
Video RAM	: Intel® HD Graphics
Chipset	: By CPU
Watchdog Timer	: 255 Level Reset
System Fan	: N.A.

## INPUT / OUTPUT

HDMI	: HDMI / DP External Video Connector (maximum resolution up to 4096*2304@60Hz)
Serial Port	: 2 x RS-232/422/485
Parallel Port	: N.A.
USB Port	: 6 x USB 3.0
LAN	: 2 x Intel GbE LAN
Audio	: Line Out + MIC 2-in-1 3.5mm jack (Realtek Audio HDA Codec)

## DATA STORAGE

HDD Type	: 2.5" HDD in Vibration Resistant Slot
SSD	: 64 GB / 128 GB / 256 GB

## FEED

Input	: 24 VDC
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## LCD SCREEN

Type / Size	: 24" LVDS (16:9 Wide Screen)
Max. Resolution	: 1920 x 1080 Full HD
Pixel Pitch	: 0.297mm x 0.297mm
Max. Color	: 16.7 M
Brightness	: 300cd
Contrast Ratio	: 1000/1
Viewing Angle	: 89°(H), 89°(V)
Back Light MTBF	: 30,000 Hours
Touch Screen	: 24" Touch - Projected Capacitive

## EXTRA VIDEO OUTPUT

Type	: 1 x HDMI / 1 x Display Port
Maks. Resolution	: 4096*2304

## MECHANICAL &amp; ENVIRONMENTAL FEATURES

Operating Temp.	: 0~60°C
Storage Humidity	: 5~95% (Non-Condensing)
Case	: Fully Closed Medical Class
Front Frame	: IP65 Front Face Protection
Weight	: Variable According to Screen Size
Mounting	: Panel and Vesa Mounting

