Medical Computers
Medical Panel Computer

CURE VISION

VPC-224

The VPC-224 Series Medical Panel PC is an advanced clinical computing solution that brings together hygienic engineering, powerful performance, and user-centered functionality. Purpose-built to meet the high standards of modern healthcare environments, this 24" fanless touchscreen computer supports sterile workflows and seamless clinical integration — empowering medical professionals with reliability and precision.

Features

- **24" Full HD Widescreen Display:** Crystal-clear 1920x1080 resolution with a 16:9 aspect ratio, delivering detailed medical imaging and sharp visual clarity for diagnostics and data visualization.

- **IP65-Rated Front Panel:** Provides full protection against dust, water spray, and liquid ingress, ensuring long-term durability and compliance with healthcare sterility standards.

- **Hygienic Port Cover Design:** Specialized protective caps shield all input/output ports from contamination, preventing the buildup of dust, moisture, and cleaning solutions.

- **Fanless Thermal Engineering:** Silent and efficient cooling system with optimized thermal design for enhanced component lifespan and system reliability.

- **VESA Mount Compatibility:** Offers flexible installation on walls, arms, or medical carts — easily adapting to a wide range of clinical workflows.

CURE VISION

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	:	2x RS-232/422/485
Paralel 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

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 & ENVIRONMENTAL FEATURES

Operating Temp.	:	0~60ºC
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