

Medical Cart Computer

Venus-224P

22" Dual Hot Swappable Battery Medical AI Cart Computer



Features

- Intel Arrow Lake Core Ultra 5 (15th Gen)
- Medical AI Cart Computer
- Increase security (TPM/Onyx screensaver)
- Imprivata compliant RFID reader (optional)
- Windows 11 and IGEL Compliant
- WiFi 7
- Dual Hot Swappable Batteries
- Easy cleanable and anti-bacterial
- Remotely Manageable by central iT departments (ORION)

Specifications

MAIN SPECIFICATIONS

Processor	Intel® Arrow Lake Core™ Ultra 5 225U
System Memory	DDR5 up to 48GB
OS Support	Microsoft® Windows 11 Ubuntu 24.04 LTS IGEL (thin client solution)
Storage	m.2 SSD up to 2TB
Wireless Communication	WiFi 6E + Bluetooth 5.3 (optional) Wifi 7 + Bluetooth 5.4 (optional)
Touch	PCT /AG (optional)
Speaker	3W x2
Trusted Platform Module	TPM 2.0
Security	Smart Card Reader (optional), Imprivata RFID reader (optional), Barcode reader (optional)
Waterproof	Front IP65 ; rear IPX2
Battery	Dual hot swappable batteries (optional)

DISPLAY

Display Size	21.5"
Resolution	FHD 1920 x 1080
Max. Colors	16.7M
Contrast Ratio	3000:1
Luminance (cd/m2)	250

I/O

USB	Rear I/O : USB 3.0 x2, USB 2.0 x2, USB Type C x1 Front bottom I/O : USB 3.0 x2
Video Out	HDMI 2.1 x1
COM	COM port x2 (3kv isolation optional)
Audio	Combo audio port x1
Ethernet	1.5kv isolated Gigabit LAN x2
DC-in	19V DC-in x1

MECHANICAL AND ENVIRONMENTAL

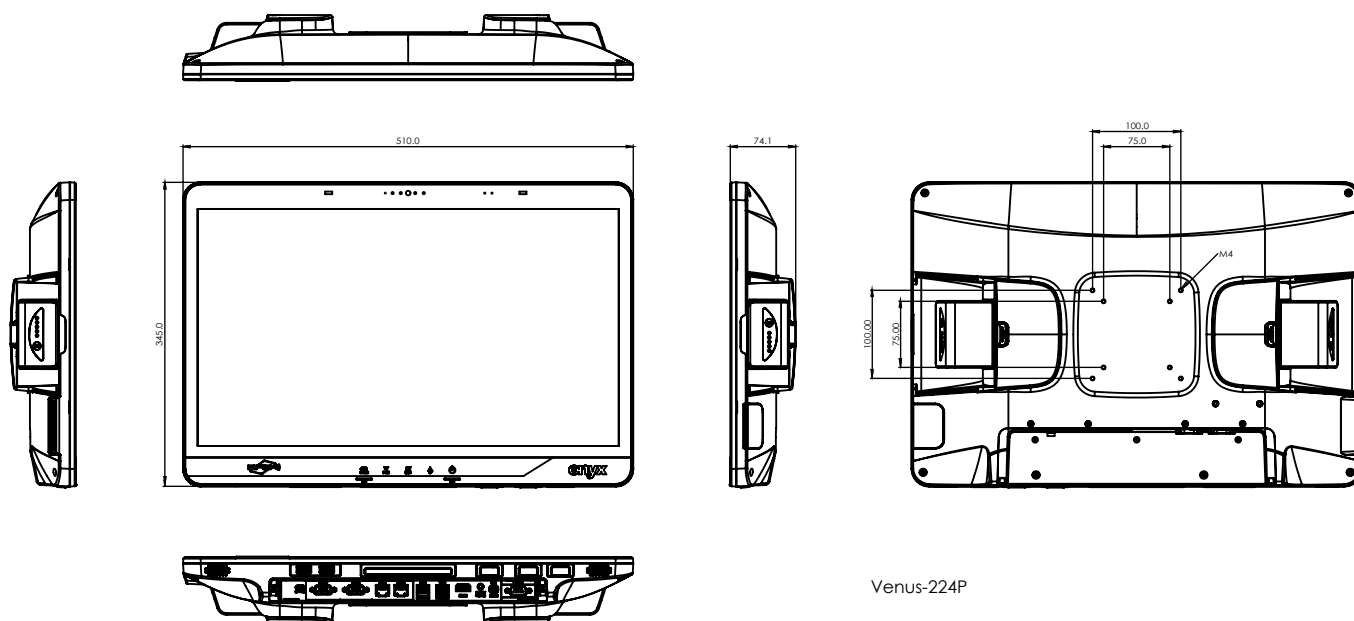
VESA	75/100 mm VESA mount
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Humidity	10%~95%@40°C, non-condensing
Dimension	510(L) x 74.1(W) x 345(H)
Package Size	645(L) x 210(W) x 513(H) mm
Gross Weight	11kg (24.3 lbs)
Net Weight	7kg
Certifications	CE: EN 60601-1-2: 2015 + A1: 2021 (V4.1), EN 60601-1: 2007 + A1: 2013 + A2: 2021 (V3.2) EN 55032: 2015/A1: 2020 EN 55035: 2017/A11: 2020 (ITE) IEC62368-1: 2020 + A11: 2020 (ITE) FCC : Part 15B/ Part 18 UL: ANSI AAMI ES60601-1: 2005/A1: 2012/A2: 2021 (V3.2) cUL: CAN/CSA-C22.2 No. 60601-1: 14 (IEC 60601-1: 2005+A1: 2012+A2: 2020, MOD) (V3.2) TELEC JAPAN TELEC

*it is highly recommended to replace the battery after 3 years of use or 1,000 charge cycles, whichever comes first.

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

22" Dual Hot Swappable Battery Medical AI Cart Computer

Dimension / Unit: mm



Ordering Information

- VENUS-224P-P225U-H5-1600
Cart Computer. U5-225U. 21. 5". fanless. PCT+AG. TPM. 16G. 512G. WiFi-BT. RFID. SCR. ORION. ET. adapter
- VENUS-224P-P225U-A1-0000
Cart Computer. U5-225U. 21. 5". fanless. PCT+AG. TPM

Optional Accessories

- DDR5-16G-004
Memory Module.DDR5.4800.16GB.SODIMM 262 Pin
- SSD-512GB-004
SSD.M.2 2280.PCLe Gen3x4.NVMe M-Key.TLC.512GB
- OPM-P08T-02
XL Battery Kit(2 pcs).Li-ion 3S3P.10.8V/8700mAh.Venus/UPower.handle
- OPM-P08T-B2
XL Battery Kit(2 pcs).Li-ion 3S3P.10.8V/8700mAh.Venus/Upower
- UP-L62-A1-1010
6-slot charger.24V/250W Adaptor.USB
- OPM-C20W-A6
WLAN Kit.802.11ax(Wi-Fi 6E) w/BT 5.3.dual int. antenna.Intel. AX210.NGWWGIE.vPro.for VENUS-224/244
- OPM-P01D-02
12/15/24V 30W.External DC output.for Venus-xx4.(5/9/19V by jumper)
- OPM-T035-A1
Smart Card Reader kit.for Venus-xx4
- 125530120B
(AOH)(TF)Power Adaptor.AC/DC.100-240V.(19V,6.31A max)120W. EDAC.EM11011M(38)