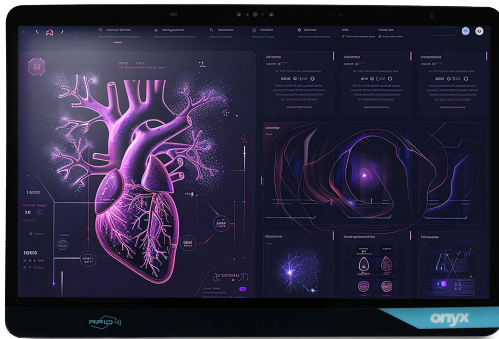


## Medical Cart Computer

# Venus-244P

24" 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<br>Ubuntu 24.04 LTS<br>IGEL (thin client solution)                  |
| Storage                 | m.2 SSD up to 2TB                                                                         |
| Wireless Communication  | WiFi 6E + Bluetooth 5.3 (optional)<br>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      | 23.8"           |
| 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<br>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

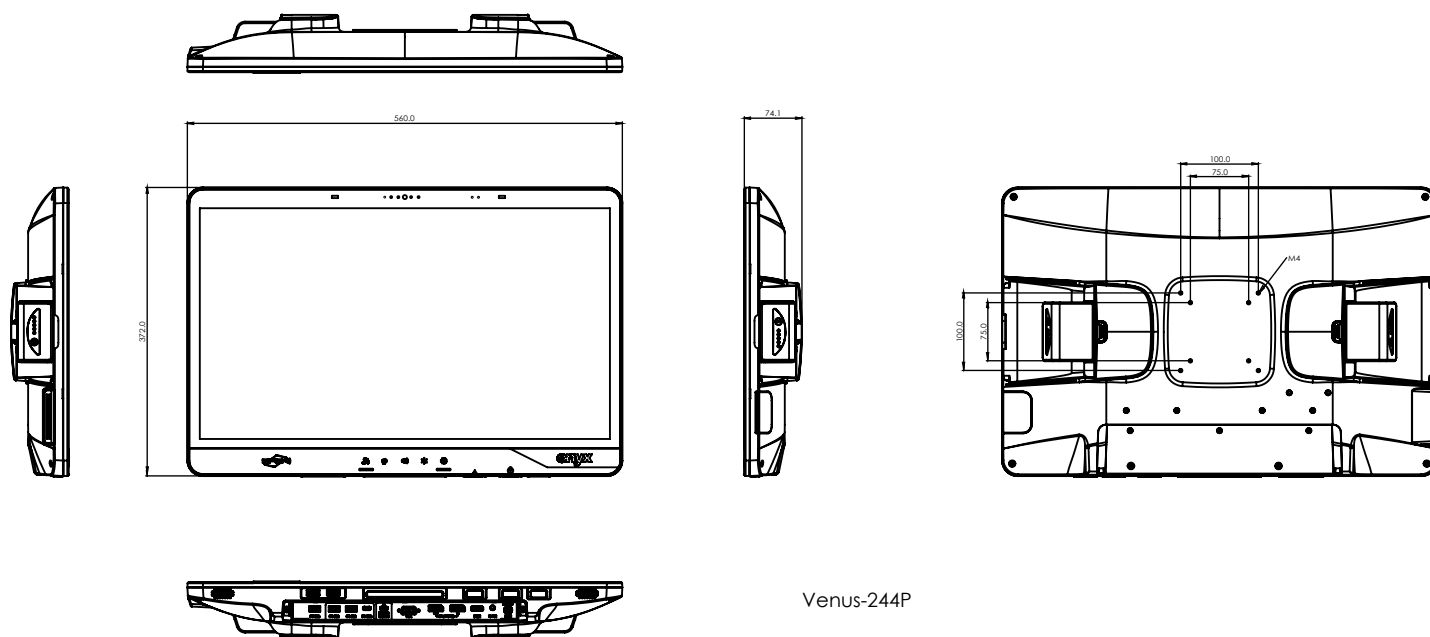
|                       |                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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             | 560(L) x 74.1(W) x372(H)                                                                                                                                                                                                                                                                                                                                                        |
| Package Size          | 730(L) x 240(W) x 550(H) mm                                                                                                                                                                                                                                                                                                                                                     |
| Gross Weight          | 12kg(26.5 lbs)                                                                                                                                                                                                                                                                                                                                                                  |
| Net Weight            | 8kg                                                                                                                                                                                                                                                                                                                                                                             |
| Certifications        | CE: EN 60601-1-2: 2015 + A1: 2021 ( V4.1),<br>EN 60601-1: 2007 + A1:2013 +A2:2021 ( V3.2)<br>EN 55032:2015/A1:2020<br>EN55035:2017/A1:2020( ITE)<br>IEC62368-1:2020+A11:2020 ( ITE)<br>FCC : Part 15B/ Part 18<br>UL: ANSI AAMI ES60601-1:2005/A1:2012/A2:2021( V3.2)<br>cUL: CAN/CSA-C22.2 No. 60601-1:14 (IEC 60601-1: 2005+A1:2012+A2:2020,MOD) ( V3.2)<br>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.

## 24" Dual Hot Swappable Battery Medical AI Cart Computer

### Dimension / Unit: mm



### Ordering Information

- VENUS-244P-P225U-H5-1600  
Cart Computer. U5-225U. 23.8". fanless. PCT+AG. TPM. 16G. 512G. WiFi-BT. RFID. SCR. ORION. ET. adapter
- VENUS-244P-P225U-A1-0000  
Cart Computer. U5-225U. 23.8". fanless. PCT+AG. TPM

### Optional Accessories

- DDR5-16G-004  
Memory Module.DDR5.4800.16GB.SODIMM 262 Pin
- SSD-512GB-004  
SSD.M.2 2280.PCie 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 Cart Reader kit.for Venus-xx4
- 125530120B  
(AOH)(TF)Power Adaptor.AC/DC.100-240V.(19V,6.31A max)120W.  
EDAC.EM11011M(38)