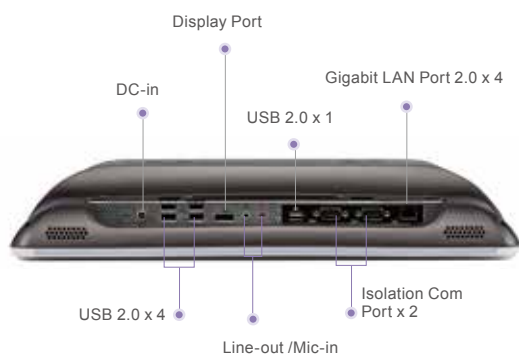




## Features

- Intel® N2800 1.86GHz Dual Core Processor
- Equipped Swappable Batteriesx2, support 24hr run-time.
- sBMS Smart Battery Management control tool
- Fully Cable-less, easy deployment
- Magnesium Alloy Rear Cover
- Light weight at 5.5kg/12.13lb, fit all carts
- Reading light bar in front
- 19" 1280x1024 LCD with LED backlight
- Water-Proof : IP65 Front Panel , Rear- IPX1
- 5 Programmable Smart Function Keys
- USB/COM/LAN Medical 4KV Isolation
- High Speed USB 3.0 Ports



## Specifications

### Main Specifications

|                        |                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------|
| Processor              | Intel® 1.86GHz N2800 Dual Core                                                                  |
| System Memory          | Support DDR3 SODIMM up to 4GB                                                                   |
| Chipset                | NM10                                                                                            |
| OS Support             | Windows® 7 (32 bit)                                                                             |
| Storage Disk Driver    | 2.5 inch SATAII SSD x 1 (optional)                                                              |
| Security               | Smart Card Reader x 1 (optional)                                                                |
| Wireless Communication | Intel 802.11 a/b/g/n (optional)<br>Bluetooth (optional)<br>RFID (optional)                      |
| Speaker                | 2W x 2                                                                                          |
| Function Key           | Power On/Off, LCD Brightness Up, LCD Brightness Down, Touch Screen On/Off, Reading Light On/Off |

### Display

|                |                               |
|----------------|-------------------------------|
| Size           | 19 inch                       |
| Resolution     | 1280 x 1024                   |
| Max. Colors    | 16.7M                         |
| View Angle     | 170°(H) / 160°(V)             |
| Contrast ratio | 1000:1                        |
| Brightness     | 250 nits                      |
| Touch Screen   | 5-Wire Resistive Touch Screen |
| Sensor         | Light Sensor                  |

### I/O

|           |                                                     |
|-----------|-----------------------------------------------------|
| USB       | 4KV Isolated USB 2.0 x 1 , USB 2.0 x 4, USB 3.0 x 2 |
| COM       | 4KV Isolated RS-232 x 2                             |
| Ethernet  | 4KV Isolated Gigabit LAN x 1                        |
| Video Out | Display Port x 1                                    |
| Audio     | Mic-in x 1, Audio-out x 1                           |

### Battery Pack

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Battery Type           | 6 Cell Lithium Battery                             |
| Battery Capacity       | 5800 mAh                                           |
| Battery Output Voltage | 10.8V                                              |
| Battery Charge Time    | 2 hrs for 85%, 3hrs for 100%                       |
| Battery Run time       | 6 hrs *For more details, please see the user guide |

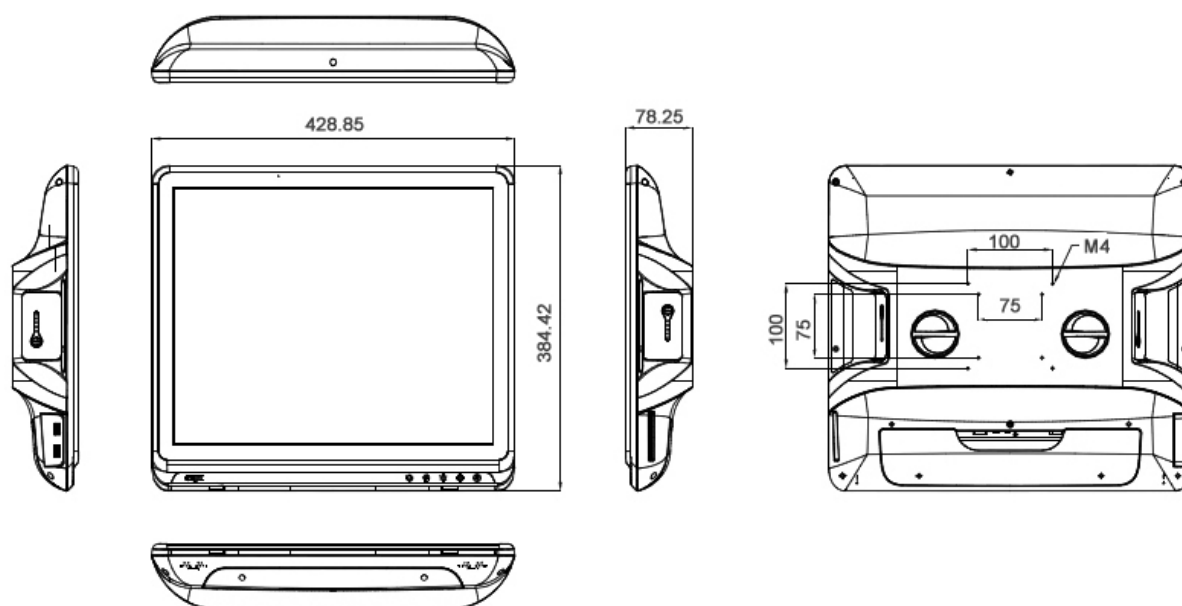
### sBMS

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| Multi-language Support     | Traditional/Simplified Chinese, English ,French, Italian, German, Spanish     |
| Reminding Alarm            | Low battery capacity, Temperature                                             |
| Battery Function Selection | Battery capacity reminder setting, Multi-language selection, Password control |

### Mechanical and Environmental

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Operating Temperature | 0°C ~ 40°C(32°F ~ 104°F)                         |
| Storage Temperature   | -20°C ~ 60°C(-4°F ~ 140°F)                       |
| Storage Humidity      | 10%~95% @ 35°C, non-condensing                   |
| Degree of Protection  | Front Panel IP-65 Certified, IP x 1              |
| System Cooling        | Fan-less                                         |
| Net Weight            | 5.5kg (12.13lb)                                  |
| EMC                   | CE/FCC Class B, UL-60601-1, EN-60601-1, PSE, RCM |

 **Dimension** / Unit: mm



## Ordering Information

- » **VENUS-191ET-A1-1010**  
Cart Computer. N2800. 19" R-TS. 4GB. Smart card reader. Batteryx2
- » **VENUS-191ET-A2-1010**  
Cart Computer. N2800. 19" R-TS. 4GB. Smart card reader. INTEL 802.11a/b/g/n. SSD128G. Batteryx2

## Optional Accessories

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>» <b>OPM-P01T-01</b><br/>6 Battery Kit. Lithium-ion 3S2P Battery Pack. 10.8V/5800mAh</li> <li>» <b>1757615001</b><br/>Medical Power Adaptor 150W/24V</li> <li>» <b>OPM-S02R-A0</b><br/>RFID Reader Kit</li> <li>» <b>OPM-C07W-A0</b><br/>WLAN dual band module kits. INTEL 802.11a/b/g/n dual antenna</li> <li>» <b>OPM-C07W-A1</b><br/>WLAN dual band module kits. AzureWave 802.11a/b/g/n + BT 4.0</li> </ul> | <ul style="list-style-type: none"> <li>» <b>OPM-P01C-01</b><br/>6-Slot Battery bank.<br/>6 Batteries. 250W/24V Medical adaptor</li> <li>» <b>OPM-P02C-02</b><br/>2-slot Battery bank.<br/>2 Batteries. 100W/24V Medical adaptor</li> <li>» <b>OPM-H10A-00</b><br/>VESA 75/100 Clamp type spring arm (Sliver)</li> <li>» <b>OPM-H10A-01</b><br/>VESA 75/100 Clamp type spring arm (White)</li> </ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|