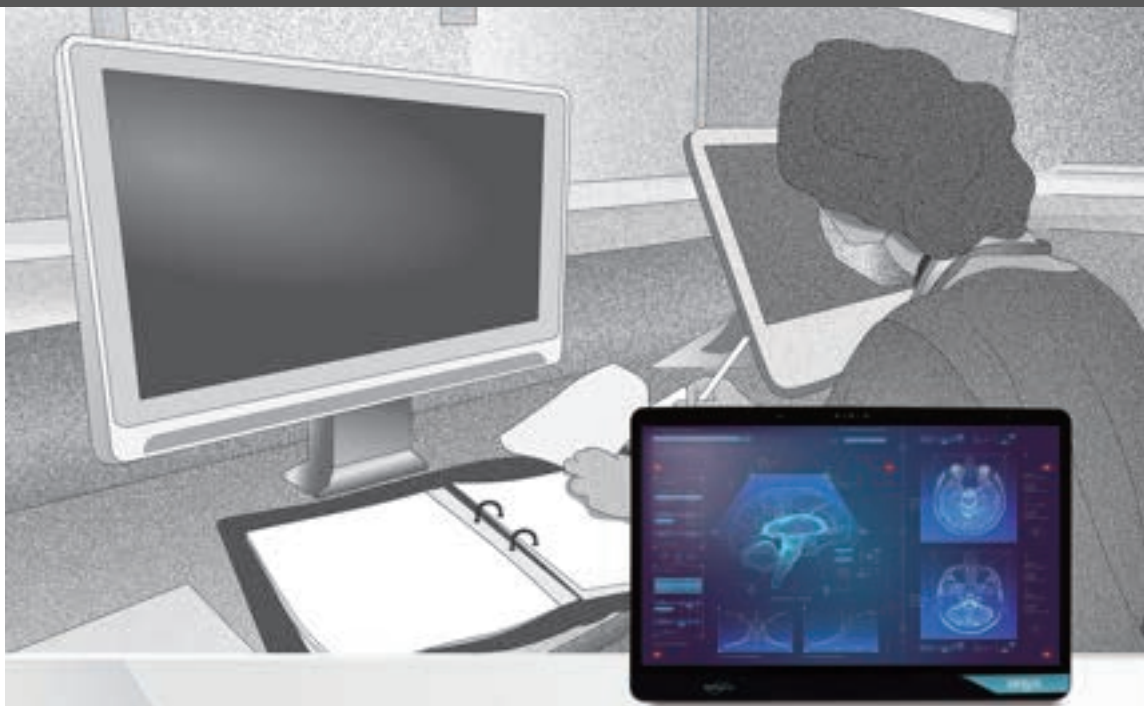




MEDICAL CART COMPUTER

The ONYX Venus series has developed a dual hot-swap batteries feature to enable the nurse to easily replace(change) a battery while the system is operating without having to turn the power off. Dual battery design are able to achieve very long running time.

Lightweight design with Magnesium alloy rear cover provides high strength and great heat dissipation. The front bezel is completely sealed and has a rating of IP65 waterproof with edge-to-edge glass. And it also has an IPX1 rating with back cover that provide the great protection.

Key Features:

- Highest level of medical safety protection, EMC4.0 / Safety3.1
- Built-in dual battery to provide Max 260Wh power for standing 18 hours operating.
- Support running as 24/7 by swapping batteries.
- With magnesium alloy rear cover provides high strength , light weight ,and great heat dissipation.
- ORION, Hospital IT Management software Package
- Hi-speed recharge, flexible mounting type as cart mount, wall mount, table stand



Dual hot-swap batteries



EMC 4.0 / Safety 3.1



24/7 fully running



ORION



Battery charger



Venus-244
24" Medical Cart Computer



Venus-224
22" Medical Cart Computer

SYSTEM

Processor	Intel® 11th generation Core i7 1165G7 / i5 1135G7 Intel® Pentium Gold 7505
System Memory	DDR4 up to 64GB
OS support	Microsoft® Windows 11 Microsoft® Windows 10 (64bit) Ubuntu 20.04 LTS IGEL (thin client solution)
Security	Smart Card Reader (optional) Imprivata RFID reader (optional) Barcode reader (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.1 (optional) Wifi6 + BT 5.2 (optional)

DISPLAY

Size	23.8"	21.5"
Resolution	FHD 1920 x 1080	FHD 1920 x 1080
Brightness	250 nits	250 nits
Touch Screen	PCT	PCT

I/O

USB	Rear I/O: USB 3.0 x 2, USB 2.0 x 2 Front I/O : USB 3.0 x 2	Rear I/O: USB 3.0 x 2, USB 2.0 x 2 Front I/O : USB 3.0 x 2
Video Out	HDMI out x1	HDMI out x1
COM	COM port x2	COM port x2
Audio	Combo Audio port x 1	Combo Audio port x 1
Ethernet	Gigabit LAN x 2	Gigabit LAN x 2
DC-in	19V DC-in x 1	19V DC-in x 1

MECHANICAL AND ENVIRONMENTAL

Dimension	560(L) x 78.4(W) x 373(H) mm	510(L) x 78.4(W) x 346(H) mm
Net Weight	7kg	6kg
Packing Size	730(L) x 240(W) x 550(H) mm	730(L) x 240(W) x 550(H) mm
Gross Weight	11kg (24.3lbs)	10kg (26.5lbs)
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)



Venus-243
24" Medical Cart Computer



Venus-223
22" Medical Cart Computer



Venus-193
19" Medical Cart Computer

SYSTEM

Processor	Intel® Skylake Dual-Core i5 / i7	Intel® Skylake Dual-Core i5 / i7	Intel® Skylake Dual-Core i5/i7 / Celeron 3955U
System Memory	DDR4 up to 32GB	DDR4 up to 32GB	DDR4 up to 32G
OS support	Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)	Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)	Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Security	TPM 2.0 (Trusted Platform Module), Smart Card Reader, RFID ISO 15693/14443A (optional)	TPM 2.0 (Trusted Platform Module), Smart Card Reader, RFID ISO 15693/14443A (optional)	TPM2.0, Smart Card Reader, RFID ISO 15693/14443A (optional)
Wireless Communication	802.11 a/b/g/n/ac + BT (optional)	802.11 a/b/g/n/ac + BT (optional)	802.11 ac/a/b/g/n + BT 4.0 (optional)

DISPLAY

Size	23.8" VA panel	22" VA panel	19" panel
Resolution	1920 x 1080	1920 x 1080	1280 x 1024
Brightness	250 nits	250 nits	250 nits
Touch Screen	PCT	Resistive Touch ,PCT(optional)	Resistive Touch

I/O

USB	Rear I/O: USB 3.0 x 2, USB 2.0 x 2 Side I/O : USB 3.0 x2	Rear I/O: USB 3.0 x 2, USB 2.0 x 2 Side I/O : USB 3.0 x2	Rear I/O :USB 3.0 x2, USB 2.0 x2 Side I/O : USB 3.0 x2
Video Out	HDMI out x1	HDMI 1.4 x1	HDMI 1.4 x1
COM	COM port x1	COM port x1	COM port x2
Audio	Combo Audio port x 1	Combo Audio port x 1	Combo audio port x1
Security	Kensington slot	Kensington slot	Kensington slot
Ethernet	Gigabit LAN x 1	Gigabit LAN x 1	Gigabit LAN x2
DC-in	24V DC-in x 1	24V DC-in x 1	24V DC-in x 1

MECHANICAL AND ENVIRONMENTAL

Dimension	607(L) x 78(W) x 404(H) mm	542(L) x 78(W) x 362(H) mm	429(L) x 78(W) x 384(H) mm
Net Weight	8kg (17.6lbs)	7kg (15.4lbs)	5.5kg (12.1lbs)
Packing Size	730(L) x 240(W) x 550(H) mm	645(L) x 210(W) x 513(H) mm	540(L) x 205(W) x 503(H) mm
Gross Weight	12kg (26.5lbs)	11kg (24.3lbs)	9kg (19.84lbs)
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)



Venus-243-AMD
24" Medical Cart Computer



Venus-223-AMD
22" Medical Cart Computer

SYSTEM

Processor	AMD Ryzen™ V1202B / V1605B	AMD Ryzen™ V1202B / V1605B
System Memory	Up to DDR4 32GB	Up to DDR4 32GB
OS support	Microsoft® Windows 10 IOT Enterprise (64bit) Ubuntu 18.04 LTS	Microsoft® Windows 10 IOT Enterprise (64bit) Ubuntu 18.04 LTS
Security	TPM2.0 SmartCard Reader RFID ISO 15693 / 14443A (optional)	TPM2.0 SmartCard Reader RFID (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)	802.11 ac/a/b/g/n + BT 4.0 (optional)

DISPLAY

Size	23.8" VA panel	22" VA panel
Resolution	1920 x 1080	1920 x 1080
Brightness	250 nits	250 nits
Touch Screen	PCT	Resistive Touch ,PCT(optional)

I/O

USB	Rear I/O : USB 3.0 x2, USB 2.0 x2 Side I/O : USB 3.0 x2	Rear I/O : USB 3.0 x2, USB 2.0 x2 Side I/O : USB 3.0 x2
Video Out	HDMI	HDMI
COM	COM port x2	COM port x2
Audio	Combo Audio port x1	Combo Audio port x1
Security	Kensington slot	Kensington slot
Ethernet	Gigabit LAN x 2	Gigabit LAN x 2
DC-in	24V DC-in x1	24V DC-in x1

MECHANICAL AND ENVIRONMENTAL

Dimension	607(L) x 78(W) x 404(H) mm	542(L) x 78(W) x 362(H) mm
Net Weight	8kg (17.6lbs)	7kg (15.4lbs)
Packing Size	730(L) x 240(W) x 550(H) mm	645(L) x 210(W) x 513(H) mm
Gross Weight	12kg (26.5lbs)	11kg (24.3lbs)
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)

SELF-POWER CART COMPUTER ACCESSORY SELECTION



OPM-P02C
2 -slot battery charger



OPM-P01C
6 -slot battery charger

MAIN SPECIFICATION

Charge Time	3S4P / 12 Cell Li-ion battery	3S3P / 9 Cell Li-ion battery
Input Power	10.8V	10.95V
IO interface	12060mAh / 130.2Wh	8550mAh / 93.62Wh
Certification	2 year	1 year

MECHANICAL AND ENVIRONMENTAL

Color	ABS + PC	ABS + PC
Dimension	White	White
Net Weight	137(L) x 79(W) x 46 (H) mm	122(L) x 79(W) x 50 (H) mm
Packing Size	690g (1.52 lbs)	504g (1.11 lbs)
Gross Weight	234(L) x 180(W) x 76(H) mm	220(L) x 180(W) x 80(H) mm
Operating Temp	1.7kg (3.75 lbs)	1.3kg (2.87 lbs)
Storage Temp	0°C ~ 40°C(32°F ~ 104°F)	0°C ~ 40°C(32°F ~ 104°F)



OPM-P03T
2 XXL Battery Kit. Li-ion.
10.8V. 12060mAh



OPM-P02T
2 XL Battery Kit. Li-ion.
10.9V. 8400mAh

MAIN SPECIFICATION

Battery Type	3S4P / 12 Cell Li-ion battery	3S3P / 9 Cell Li-ion battery
Battery Voltage	10.8V	10.9V
Battery Capacity	12060mAh / 130.2Wh	8400mAh / 91.56Wh
Warranty	2 year	1 year
Charging time	5 hrs with UPower Pro-series	4 hrs with UPower Pro-series
Safety	Supports protection from over-voltage (input and output), over-current (input and output), short circuit, over-charge, over-discharge, and battery Positive Temperature Coefficient(PTC)	Supports protection from over-voltage (input and output), over-current (input and output), short circuit, over-charge, over-discharge, and battery Positive Temperature Coefficient(PTC)
Compatible	Venus all series, UPower all series	Venus all series, UPower all series
Certification	UL-2054, IEC-62133-1	UL-2054, IEC-62133-1

MECHANICAL AND ENVIRONMENTAL

Architecture	ABS + PC	ABS + PC
Color	White	White
Dimension	137(L) x 79(W) x 46 (H) mm	122(L) x 79(W) x 50 (H) mm
Net Weight	690g (1.52 lbs)	504g (1.11 lbs)
Packing Size	234(L) x 180(W) x 76(H) mm	220(L) x 180(W) x 80(H) mm
Gross Weight	1.7kg (3.75 lbs)	1.3kg (2.87 lbs)
Operating Temp	0°C ~ 40°C(32°F ~ 104°F)	0°C ~ 40°C(32°F ~ 104°F)
Storage Temp	-20°C ~ 60°C(-4°F ~ 140°F)	-20°C ~ 60°C(-4°F ~ 140°F)

BATTERY LED INDICATOR

One LED Flashing	0%~5% capacity	0%~5% capacity
One LED Lighting	5%~20% capacity	5%~20% capacity
Two LED Lighting	20%~40% capacity	20%~40% capacity
Three LED Lighting	40%~60% capacity	40%~60% capacity
Four LED Lighting	60%~80% capacity	60%~80% capacity
Five LED Lighting	80%~100% capacity	80%~100% capacity

*Please see the user guide for more details.

If you need more details, please contact to sales@onyx-healthcare.com



MEDICAL POWER PANEL PC

The ONYX Venus series has developed a dual hot-swap batteries feature to enable the nurse to easily replace(change) a battery while the system is operating without having to turn the power off. Dual battery design are able to achieve very long running time.

Onyx has developed an medical power panel PC that provides 24/7 non-stop service and offers true mobility. miniVenus features dual swappable batteries system and universal mounting slots.

The battery system allow users to replace one of the batteries without turning the computer off .

Also, the dual batteries design supply a very long running time and short charging time.

Lightweight design provides high strength and great heat dissipation, and it has mounting slots that will fit any medical cart.

Key Features:

- Intel® Core™ processor
- Dual swappable batteries provide continuous power for 24/7 non-stop operation
- Highest level of medical safety protection, EMC4.0 / Safety3.1
- Fanless design, low risk of cross-infection
- ORION, Hospital IT Management Software Package
- Standard VESA 75/100 mount fits all medical carts

intel

Intel® Core™ Platform
for Better Performance



Swappable Battery
design



Quiet, Clean &
Easy to Maintain



TPM

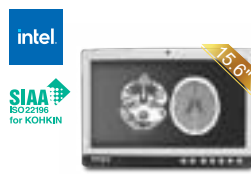


Long-term product
life support

* Note: All specifications are subject to change without notice.



Venus-173
17" Medical Power Panel PC



Venus-153
15" Medical Power Panel PC

SYSTEM

Processor	Intel® Skylake Dual-Core i5	Intel® Skylake Dual-Core i5 /Celeron 3955U
System Memory	DDR4 up to 16GB	DDR4 up to 16GB
OS support	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Security	TPM 2.0 (Trusted Platform Module), RFID ISO 15693/14443A (optional)	TPM 2.0 (Trusted Platform Module), RFID ISO 15693/14443A (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT (optional)	802.11 ac/a/b/g/n + BT (optional)

DISPLAY

Size	17"	15.6"
Resolution	1280 x 1024	1920 x 1080
Brightness	250 nits	220 nits
Touch Screen	Resistive Touch	Project Capacitive Touch /Resistive Touch

IO

USB	USB 3.0 x2 , USB 2.0 x2	USB 3.0 x2 , USB 2.0 x2
Video Out	HDMI 1.4 x1	HDMI x1
COM	COM port x 1	COM port x 1
Ethernet	Gigabit LAN x 2	Gigabit LAN x 2
DC-in	12V DC-in x1	12V DC-in x1

MECHANICAL AND ENVIRONMENTAL

Dimension	384(L) x57(W) x 345(H) mm	392(L) x 43(W) x 265(H) mm
Net Weight	4.5kg	2.7kg
Packing Size	510(L) x 200(W) x 480(H) mm	520(L) x 190(W) x 400(H) mm
Gross Weight	5.6kg	4.7kg
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)



Venus-123

12" Medical Power Panel PC

MOBILE COMPUTER ACCESSORY SELECTION



OPM-P05T

Battery Packs (2x)

SYSTEM

Processor	Intel® Skylake Dual-Core i5 / Celeron 3955U
System Memory	DDR4 up to 16GB
OS support	Microsoft® Windows 7 (32/64bit) Microsoft® Windows 8.1 (64bit) Microsoft® Windows 10 (64bit) Ubuntu 18.04 LTS IGEL (thin client solution)
Security	TPM 2.0 (Trusted Platform Module), RFID ISO 15693/14443A (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT (optional)

DISPLAY

Size	11.6"
Resolution	1366 x 768
Brightness	250 nits
Touch Screen	Project Capacitive Touch / Resistive Touch

IO

USB	USB 3.0 x2 , USB 2.0 x2
Video Out	HDMI out x 1
COM	COM port x 1
Ethernet	Gigabit LAN x 2
DC-in	12V DC-in x1

MECHANICAL AND ENVIRONMENTAL

Dimension	300(L) x 43(W) x 205(H) mm
Net Weight	1.9kg
Packing Size	420(L) x 185(W) x 345(H) mm
Gross Weight	2.6kg
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)

BATTERY PACK

Battery Type	6 Cell Lithium Battery
Battery Capacity	4545 mAh / 33.6 Wh
Battery Output Voltage	7.4V
Battery Charge Time	3 hrs for 85%, 3.5hrs for 100%
Battery Run Time	3hrs *For more details, please see the user guide

ORDER INFORMATION

- OPM-P05T-A4
Battery Kits (2x) 2S3P/7.2V for Venus-123/153/173



UP-M62

Venus-123/153/173
6-slots Charger

ORDER INFORMATION

- UP-M62-A1-1010
6-slots Charger for Venus-123/153/173