

Mobile Application Computer

Venus-123

12" 24/7 Mini Mobile Cart Computer

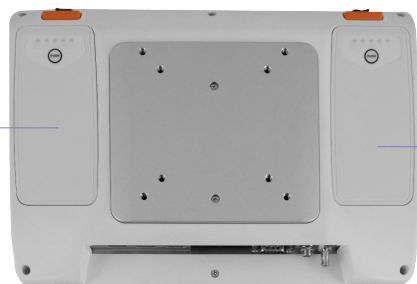


Webcam



Function Keys

Swappable
Battery Pack
x 1



Swappable
Battery Pack
x 1

HDMI out x1

Isolated Gigabit
LAN x2

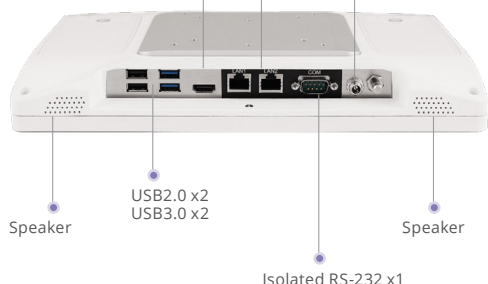
+12V DC

USB2.0 x2
USB3.0 x2

Speaker

Speaker

Isolated RS-232 x1



Features

- Highest level of medical safety protection , EMC4.0/ Safety 3.1
- Cleanability with hospital solvents
- Hot swappable design, support 24/7 run time
- Intel® Skylake Dual-Core i5
- Support remote monitor/control/update (ORION compatible)
- isolated LAN / COM port

Specifications

Main Specifications

Processor	Intel® Skylake Dual-Core i5 /Celeron 3955U
System Memory	DDR4 up to 16GB
OS Support	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Graphics	Intel® HD Graphics 520
Storage	M.2 SSD up to 512GB (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)
Touch	Project Capacitive Touch / Resistive Touch
Speaker	3W x2
Security	TPM 2.0

Display

Display Size	11.6"
Resolution	1366 x 768
Max. Colors	262K
Contrast Ratio	500:1
Luminance (cd/m2)	250

I/O

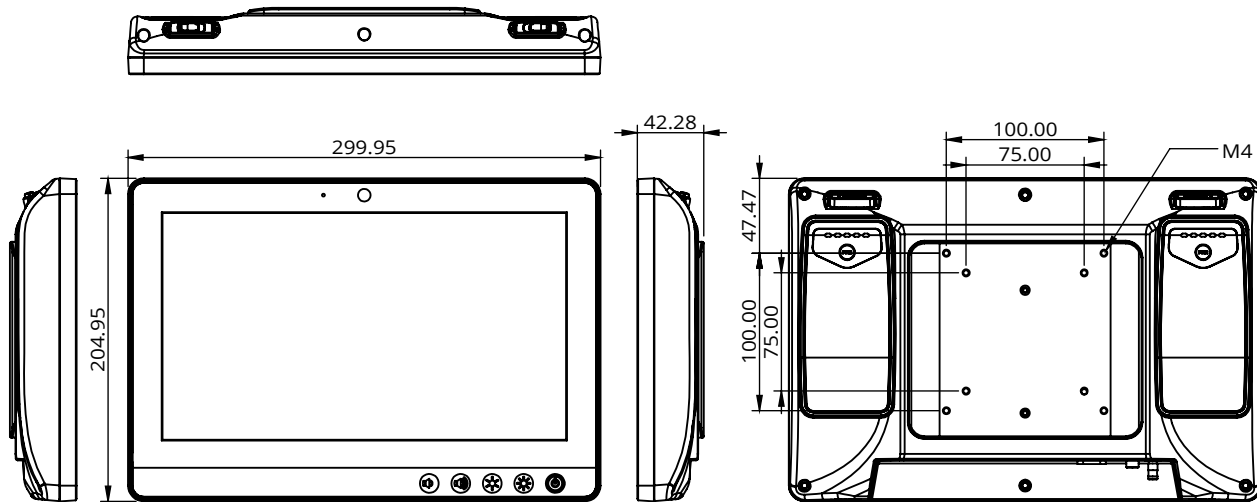
USB	USB 3.0 x2, USB 2.0 x2
Video Out	HDMI out x1
COM	COM port x1
Ethernet	Gigabit LAN x 2
DC-in	12V DC-in x1

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	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	2.6 Kg
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)

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

Dimension / Unit: mm



Ordering Information

- » VENUS-123-R62-A1-0001
Mobile Computer , i5 6200U ,11.6" Fanless, R-TS . TPM . Battery x 2
- » VENUS-123-P62-A1-0001
Mobile Computer , i5 6200U ,11.6" Fanless, Pcap . TPM . Battery x 2
- » VENUS-123-P39-A1-0001
Mobile Computer ,3955U ,11.6" Fanless, Pcap . TPM . Battery x 2

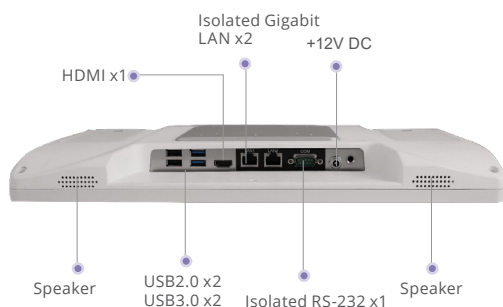
Optional Accessories

- | | |
|--|---|
| <ul style="list-style-type: none"> » 1757306039
Medical Adaptor , 12V/60W » DDR4-04G-001
DDR4 4GB RAM » 968C128G3J
128G M.2 SSD » 968C256G3F
256G M.2 SSD » OPM-C10W-A4
WLAN dual band module kits , Intel 802.11 ac/a/b/g/n + BT 4.2 » OPM-C12W-A4
WLAN dual band module kits , Atheros 802.11 a/b/g/n/ac+ BT 4.1 | <ul style="list-style-type: none"> » UP-M62-A1-1010
6-Slot Charger + 24V / 120W adaptor » OPM-V01C-03
2MP Camera Kit with Mic |
|--|---|

Mobile Application Computer

Venus-153

15" 24/7 Mini Mobile Cart Computer



Features

- Highest level of medical safety protection , EMC4.0/ Safety 3.1
- Cleanability with hospital solvents
- Hot swappable design, support 24/7 run time
- Intel® Skylake Dual-Core i5
- Support remote monitor/control/update (ORION compatible)
- isolated LAN / COM port

Specifications

Main Specifications

Processor	Intel® Skylake Dual-Core i5 / Celeron 3955U
System Memory	DDR4 up to 16GB
OS Support	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Graphics	Intel® HD Graphics 520
Storage	M.2 SSD up to 512GB (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)
Touch	Project Capacitive Touch / Resistive Touch
Speaker	3W x2
Security	TPM 2.0

Display

Display Size	15.6"
Resolution	1920 x 1080
Max. Colors	16.7M
Contrast Ratio	500:1
Luminance (cd/m2)	220

I/O

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

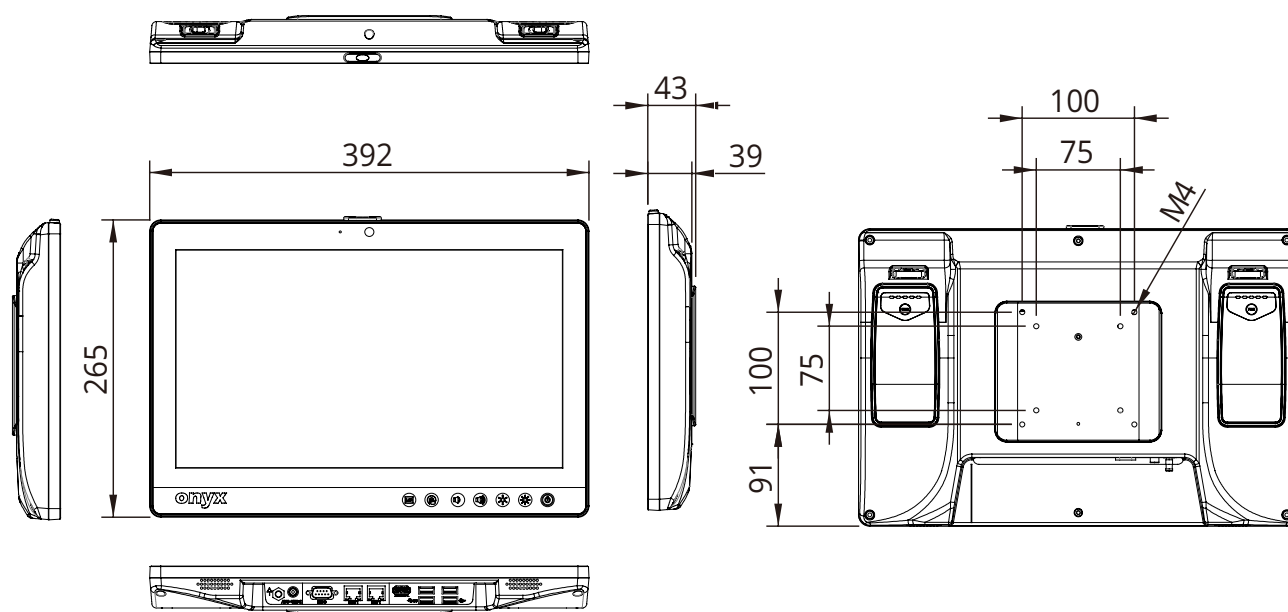
Mechanical and Environmental

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	392(L) x 43(W) x 265(H) mm
Net Weight	2.7kg
Packing Size	520(L) x 190(W) x 400(H) mm
Gross Weight	4.7 Kg
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)

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15" 24/7 Mobile Computer

Dimension / Unit: mm



Ordering Information

- » VENUS-153-R62-A1-0001
Mobile Computer , i5 6200U ,15.6" Fanless, R-TS . TPM . Battery x 2
- » VENUS-153-P39-A1-0001
Mobile Computer , i5 3955U ,15.6" Fanless, PCAP . TPM . Battery x 2

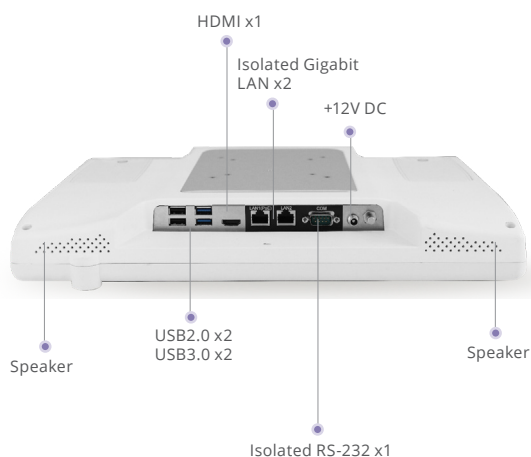
Optional Accessories

- | | |
|---|---|
| <ul style="list-style-type: none">» 1757306039
Medical Adaptor , 12V/60W» DDR4-04G-001
DDR4 4GB RAM» 968C128G3J
128G M.2 SSD» 968C256G3F
256G M.2 SSD» OPM-C10W-A5
WLAN dual band module kits , Intel 802.11 ac/a/b/g/n + BT 4.2» OPM-C12W-A5
WLAN dual band module kits , Atheros 802.11 a/b/g/n + BT 4.0 | <ul style="list-style-type: none">» UP-M62-A1-1010
6-Slot Charger + 24V / 120W adaptor» OPM-V01C-04
2M Camera kit with Mic |
|---|---|

Mobile Application Computer

Venus-173

17" 24/7 Mini Mobile Cart Computer



Features

- Highest level of medical safety protection , EMC4.0/ Safety 3.1
- Cleanability with hospital solvents
- Hot swappable design, support 24/7 run time
- Intel® Skylake Dual-Core i5
- Support remote monitor/control/update (ORION compatible)
- isolated LAN / COM port

Specifications

Main Specifications

Processor	Intel® Skylake Dual-Core i5
System Memory	DDR4 up to 16GB
OS Support	Microsoft® Windows 7 (32bit/64bit) Microsoft® Windows 8.1 (64bit) Microsoft® Windows 10 (64bit) Ubuntu 18.04 LTS IGEL (thin client solution)
Graphics	Intel® HD Graphics 520
Storage	M.2 SSD up to 512GB (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)
Touch	R-TS
Speaker	3W x2
Security	TPM 2.0

Display

Display Size	17"
Resolution	1280 x 1024
Max. Colors	16.7M
Contrast Ratio	1000:1
Luminance (cd/m2)	250

I/O

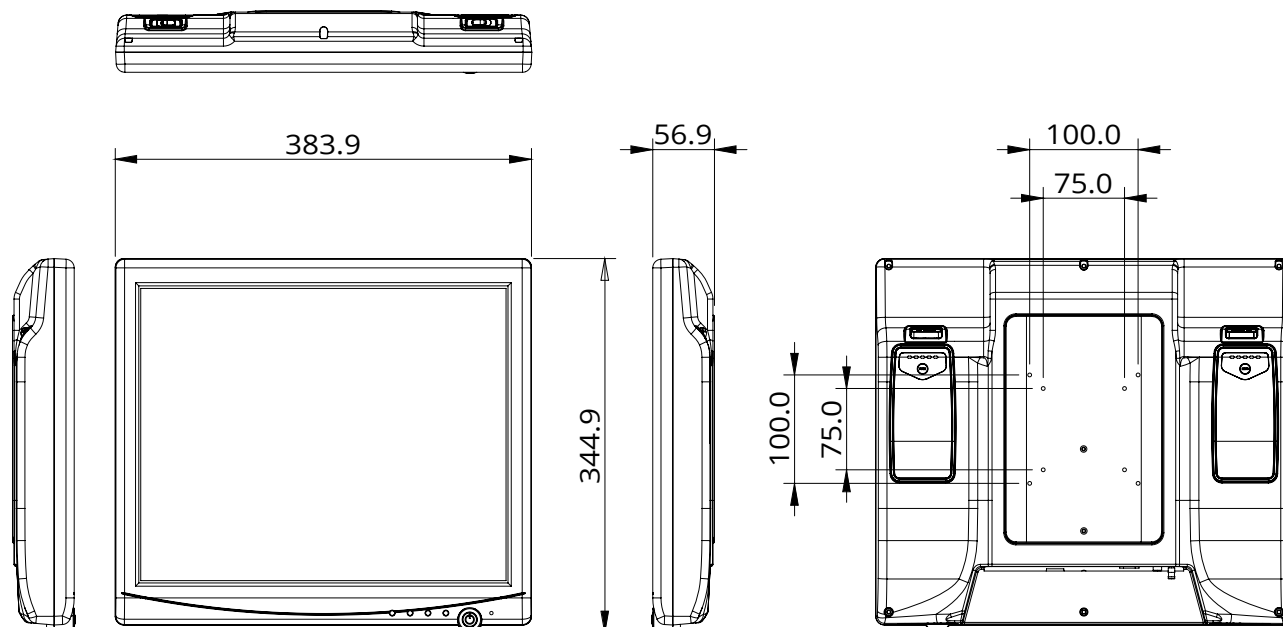
USB	USB 3.0 x2, USB 2.0 x2
Video Out	HDMI 1.4 x1
COM	COM port x1
Ethernet	Gigabit LAN x 2
DC-in	12V DC-in x1

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	384(L) x 68(W) x 345(H) mm
Net Weight	4.5kg
Packing Size	510(L) x 200(W) x 480(H) mm
Gross Weight	5.6 Kg
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)

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Dimension / Unit: mm



Ordering Information

- » VENUS-173-R62-A1-0001
Mobile Computer , i5 6200U ,17" Fanless, R-TS . TPM . Battery x 2

Optional Accessories

- » 1757306039
Medical Adaptor , 12V/60W
- » DDR4-04G-001
DDR4 4GB RAM
- » 968C128G3J
128G M.2 SSD
- » OPM-C10W-A5
WLAN dual band module kits , Intel 802.11 ac/a/b/g/n + BT 4.2
- » OPM-C12W-A5
WLAN dual band module kits , Atheros 802.11 a/b/g/n + BT 4.0
- » UP-M62-A1-1010
6-Slot Charger + 24V / 120W adaptor

Mobile Cart Computer

Venus-243-AMD

24" 24/7 Self-Power Medical Cart Computer



Battery x 1

Battery x 1

USB 3.0 x 2

Smart Card Reader x 1

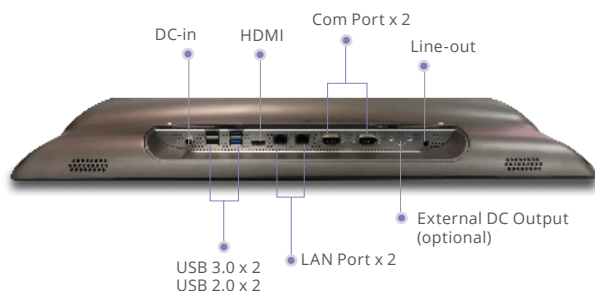


Battery x 1

Battery x 1

USB 3.0 x 2

Smart Card Reader x 1



DC-in

HDMI

Com Port x 2

Line-out

USB 3.0 x 2
USB 2.0 x 2

LAN Port x 2

External DC Output (optional)

Features

- Medical grade certified (EN60601-1/UL60601-1)
- Cleanability with hospital solvents (front IP65/rear IPX1)
- Hot swappable design, support 24/7 run time
- AMD Ryzen™ V1202B / V1605B
- Support remote monitor/control/update (ORION compatible)
- Lightweight design
- Front reading light bar

Specifications

Main Specifications

Processor	AMD Ryzen™ V1202B / V1605B
System Memory	Up to DDR4 32GB
OS Support	Microsoft® Windows 10 pro (64bit) Microsoft® Windows 10 IOT Enterprise (64bit) Ubuntu 18.04 LTS
Storage	Up to 512 GB
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)
Touch	PCAP
Speaker	2W x2
Security	TPM2.0 SmartCard Reader RFID ISO 15693 / 14443A (optional)

Display

Display Size	23.8" VA panel
Resolution	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 Side I/O : USB 3.0 x2
Video Out	HDMI
COM	COM port x2 (isolated optional)
Audio	Combo Audio port x1
Security	Kensington slot
Ethernet	Gigabit LAN x 2
DC-in	24V 2.5mm DC connector x1

Mechanical and Environmental

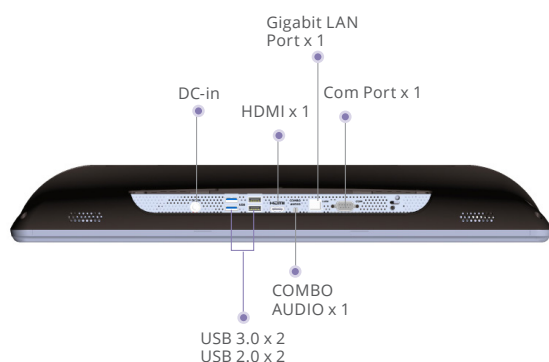
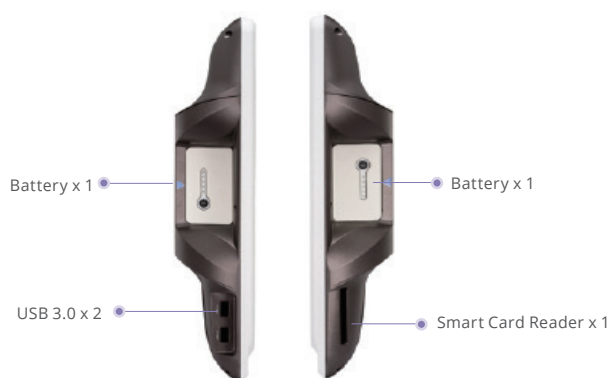
VESA	75/100 mm VESA mount
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Storage Humidity	10%~95%@40°C, non-condensing
Dimension	607(L) x 78(W) x 404(H) mm
Net Weight without Battery	8kg (17.6 lbs)
Packing Size	730(L) x 240(W) x 550(H) mm
Gross Weight	12kg (26.5 lbs)
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)

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Mobile Cart Computer

Venus-243

24" 24/7 Self-Power Medical Cart Computer



Features

- Highest level of medical safety protection , EMC4.0/ Safety 3.1
- Cleanability with Hospital Solvents (front IP65)
- Hot swappable design, support 24/7 run time
- Intel® Skylake Dual-Core i5
- Support remote monitor/control/update (ORION compatible)
- Lightweight design
- HDMI
- Front reading light bar

Specifications

Main Specifications

Processor	Intel® Skylake Dual-Core i5 / i7
System Memory	DDR4 up to 32GB
OS Support	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Graphics	Intel® HD Graphics 520
Storage	SSD up to 512GB (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT (optional)
Touch	PCT
Speaker	2W x2
Security	TPM 2.0 (Trusted Platform Module), Smart Card Reader, RFID ISO 15693/14443A (optional)

Display

Display Size	23.8" VA panel
Resolution	1920 x 1080
Max. Colors	16.7M
Contrast Ratio	3000:1
Luminance (cd/m2)	250

I/O

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

Mechanical and Environmental

VESA	75/100 mm VESA mount
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Storage Humidity	10%~95%@40°C, non-condensing
Dimension	607(L) x 78(W) x 404(H) mm
Net Weight without Battery	8kg (17.6 lbs)
Packing Size	730(L) x 240(W) x 550(H) mm
Gross Weight	12kg (26.5 lbs)
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