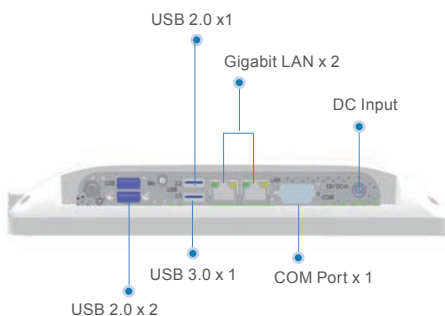
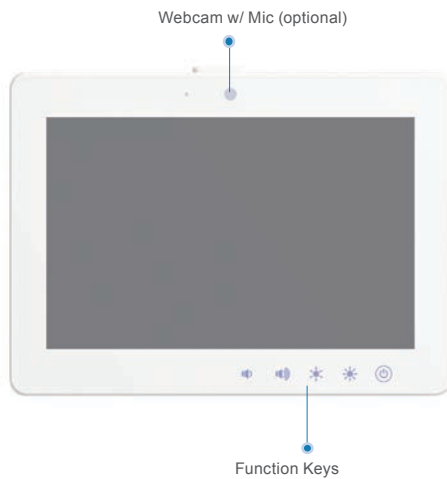


## Onyx Fanless Slim Panel HIT Solution

# ONYX-1022

10.1" Fanless J1900 Quad Core Slim Medical Panel PC



## Features

- Intel® Celeron J1900 2.42GHz Quad Core Processor
- 10.1" 1280x800 LCD
- Supports DDR3L SODIMM up to 8GB
- Capacitive multi-touch screen/5-wire resistive touch screen
- Easy cleaning flat screen
- Two gigabit ethernet
- One high speed USB 3.0 port
- Trusted platform module/smart card reader (optional)/RFID reader (optional)
- 2.0M pixels camera with mic (optional)
- +12V DC input

## Specifications

### Main Specifications

Processor	Intel® Celeron J1900 Quad Core 2.42GHz
System Memory	Supports DDR3L SODIMM up to 8GB
Expansion Interface	Mini card x1
Storage Disk Drive	Half size mSATA SSD x1
Security	Trusted platform module, smart card reader (optional), RFID reader (optional)
Wireless Communication	802.11ac/a/b/g/n (optional), Bluetooth 4.0 (optional)
Speaker	2W x 2
Function Key	Speaker Volume Up/Down, LCD Brightness Up/Down
Power Requirement	DC 12V
OS Support	Windows 7, Windows 8.1, Windows 10, Linux

### Display

Size/Type	10.1" LCD
Max. Resolution	1280 x 1080
Luminance(cd/m2)(TYP)	800 nits
Viewing Angle	170°(H)/170°(V)
Contrast Ratio	1300:1
Back Light Life Time	25,000 hours
Touch Screen	Capacitive multi-touch/5-wire resistive touch

### I/O

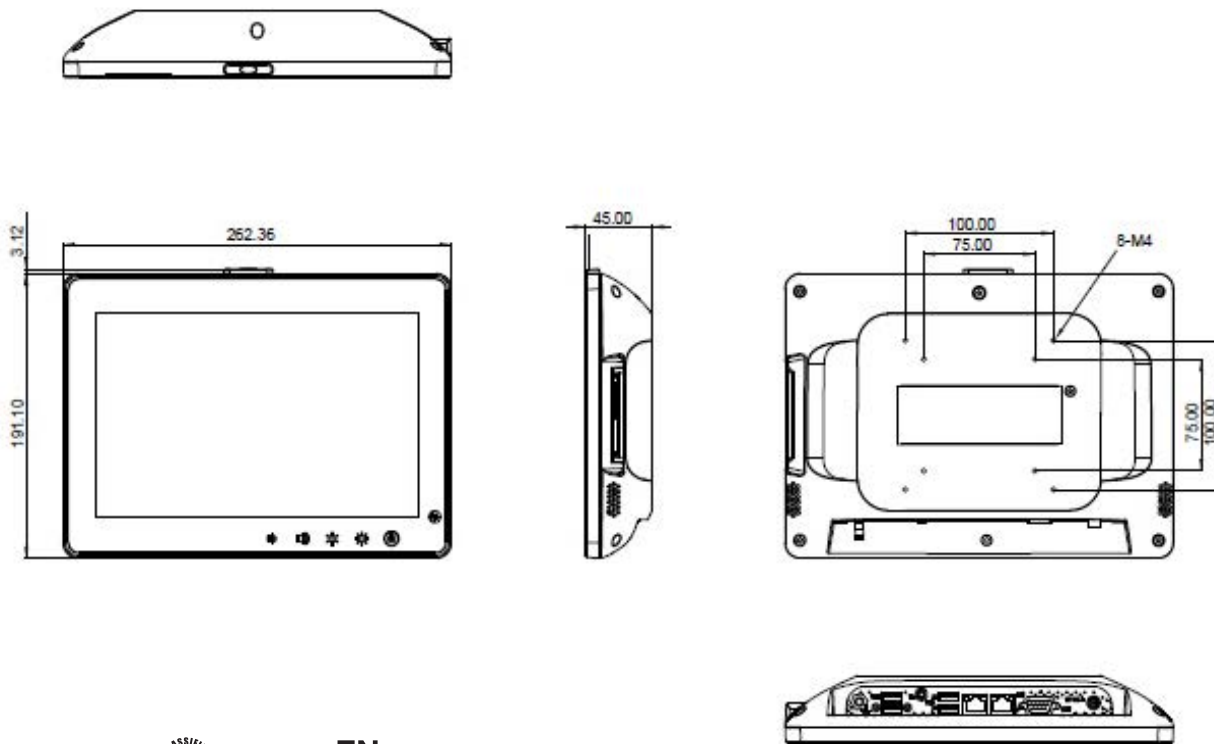
USB	USB 3.0 x 1, USB 2.0 x 3
Serial Port	RS-232 x 1
Ethernet	Gigabit LAN x 2

### Mechanical and Environmental

Power Consumption	Full loading: 20 Watts
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting	VESA 75/100 mm
Degree of Protection	IP65 in the front, IPX1
Net Weight	1.2kg (2.6lb)
Gross Weight	3.7kg (8.2lb)
Package Dimension (W x D x H)	402 x 190 x 335mm
Certifications	CE, FCC Class B Passed 18, cULus Mark/UL+VTC Report+ISO 14971(CAN/CSA-C22.2No.60601-1-08; ANSI/AAMI ES60601-1:2005, EC 60601-1-1:2005, EN 60601-1:2006 ISO 14971)

## 10.1" Fanless J1900 Quad Core Slim Medical Panel PC

### Dimension / Unit: mm



### Ordering Information

- » ONYX-1022ST-A1-1010  
Slim Medical Panel PC, 10.1" 1280x800 LCD, Intel Celeron J1900, 2GB RAM, DC 12V, Capacitive Touch
- » ONYX-1022ET-A1-1010  
Slim Medical Panel PC, 10.1" 1280x800 LCD, Intel Celeron J1900, 2GB RAM, DC 12V, Resistive Touch

### Optional Accessories

- » 1757306039  
Medical Power Adapter, 60W, 12V
- » OPM-C06W-A8  
WLAN Kit, IEEE 802.11a/b/g/n + Bluetooth 4.0
- » OPM-T010-A2  
Smart Card Reader Kit
- » OPM-T011-A2  
2M Pixels Camera with Mic Kit