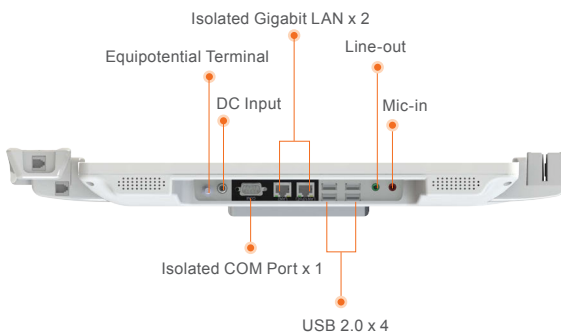
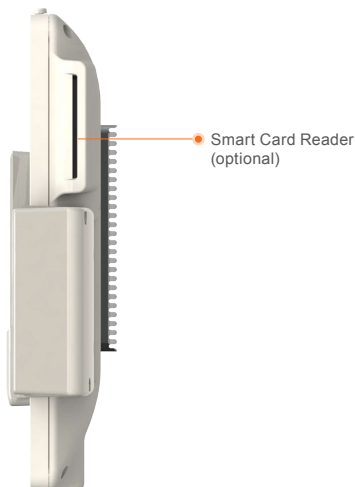
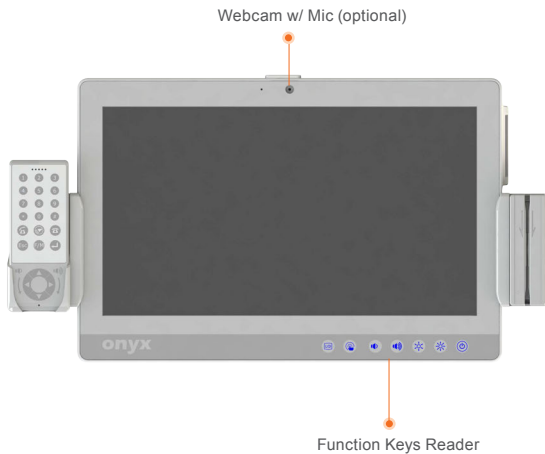


# ONYX-1531

15.6" Fanless Bedside Infotainment Touch Terminal



## Features

- Intel® Celeron J1900 2.42GHz Quad Core Processor
- 15.6" High Brightness 300-nit Full HD LCD
- Supports DDR3L SODIMM up to 8GB
- 5-wire Resistive Touch Screen / Capacitive Multi-Touch Screen
- Easy Cleaning Flat Screen
- 7 Programmable Smart Function Keys
- COM/LAN Medical Isolation
- 2.0M Pixels Camera (optional)
- Handset w/2D Barcode Scanner (optional)
- Trusted Platform Module / Smart Card Reader(optional) / MSR(optional) / RFID (optional)
- +12V to +24V wide range 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 x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive/SSD x 1, mSATA SSD x 1
Security	Trusted Platform Module, Smart Card Reader (optional), MSR (optional), RFID (optional)
Wireless Communication	802.11a/b/g/n(optional), Bluetooth 4.0 (optional)
Speaker	3W x 2
Function Key	Speaker Volume Up/Down, LCD Brightness Up/Down
Power Requirement	DC 12~24V
OS Support	Windows 7, Windows 8.1, Windows10, Linux

### Display

Size / Type	15.6" LCD
Max. Resolution	1920 x 1080
Luminance(cd/m2)(TYP)	300 nits
Max. Colors	16.7 M
Viewing Angle	160°(H)/140°(V)
Contrast Ratio	700:1
Back Light Life Time	> 15,000 hours
Touch Screen	5-Wire Resistive / Capacitive Multi-Touch

### I/O

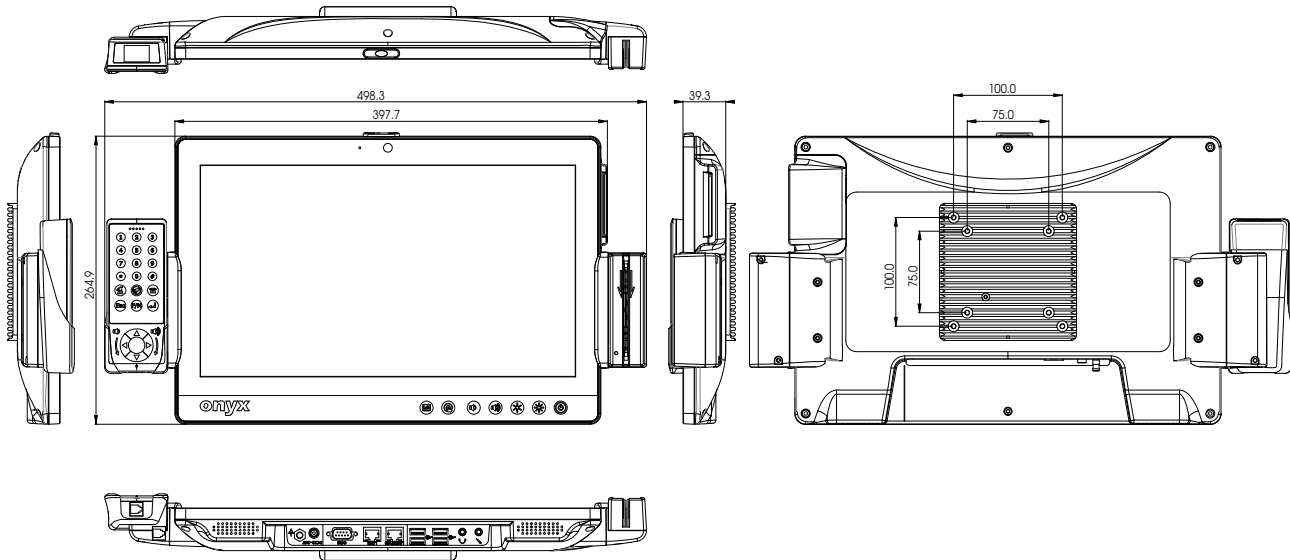
USB	USB 2.0 x 4
Serial Port	Isolated RS-232 x 1
Ethernet	Isolated Gigabit LAN x 2
Audio	Mic-in, Line-out

### Mechanical and Environmental

Power Consumption	
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	2.8 kg (6.17lb)
Gross Weight	6.5 kg (14.33lb)
Package Dimension (W x D x H)	721 x 224 x 464 mm
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)

## Onyx 5.6" Fanless Bedside Infotainment Touch Terminal

### Dimension / Unit: mm



### Ordering Information

- » ONYX-1531ET-A1-1010  
Slim Medical Panel PC, 15.6" LCD, Intel Celeron J1900, 2GB RAM, DC 12~24V, Resistive Touch
- » ONYX-1531ST-A1-1010  
Slim Medical Panel PC, 15.6" LCD, Intel Celeron J1900, 2GB RAM, DC 12~24V, Capacitive Touch

### Optional Accessories

- » 1757306039  
Medical Power Adapter, 60W, 12V
- » OPM-T008-A1  
Smart Card Reader Kit
- » OPM-S02C-A1  
Magnetic Stripe Reader Kit
- » OPM-T011-A1  
2M Pixels Camera with Mic Kit
- » OPM-T009-A5  
Handset Kit
- » OPM-T009-A6  
Handset & 2D Barcode Scanner Kit
- » OPM-C06W-A5  
WLAN Kit, IEEE 802.11a/b/g/n + Bluetooth 4.0