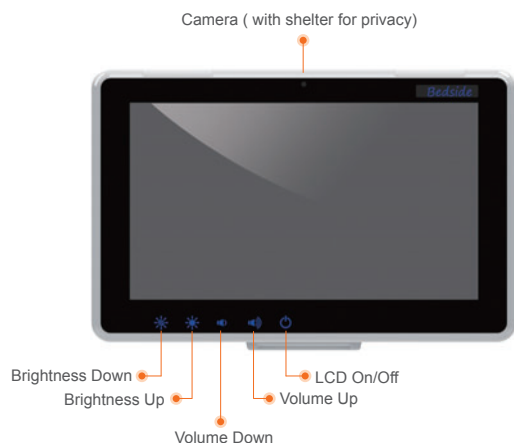


ONYX-BE101

10" Android, RISC Multimedia & Multi-Touch Infotainment Series



Features

- ◆ Cortex-A8 1GHz Processor
- ◆ Android 2.2 Froyo Ready
- ◆ 10.1" PCT Multi-Touch Flat Screen(Double Glove)
- ◆ Fanless & Compact Design
- ◆ Hardware Decoder Support:
 - H.264 up to 1080i
 - MPEG4 up to 1080i
 - MPEG2 up to D1
- ◆ RFID / VOIP Phone Function (Optional)
- ◆ Multimedia Entertainment: TV, VoIP, Web Radio
- ◆ WLAN b/g / BT2.1+EDR / Nurse Call Function (Optional)
- ◆ POE (Power over Ethernet)



Specifications

Main Specifications

Processor	Cortex-A8 1GHz Processor
Chipset	512MB DDR2-533MHz
System Memory	N/A
OS Support Chipset	Android 2.2 Froyo (SW party developing AP & UI)
Expansion	1 x Smart Card Reader(RS-232 Interface) 1 x RFID (RS-232 Interface) 1 x Nursing Call Function (RJ-11 Interface)
Storage Disk Drive	System Storage: 512MB NAND Flash - (Boot loader and Kernel) User Storage: 1 x Internal SD socket 1 x Smart Card Reader

Display

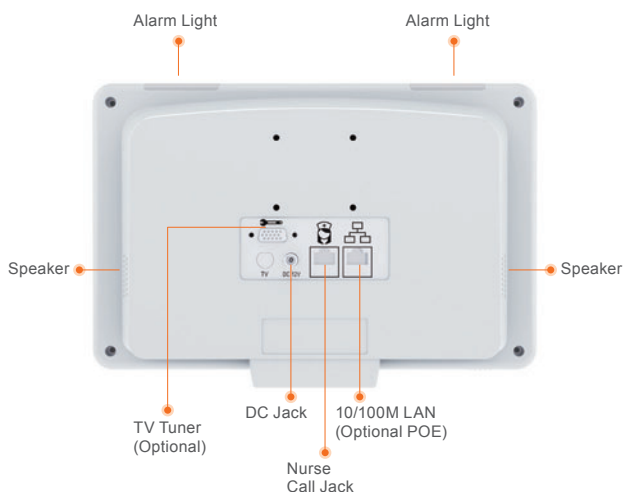
Size	10.1" Color TFT LED LCD
Resolution	1024 x 600
Max. Colors	16.7M
Luminance	200 nits
Dot Size(mm)	0.3 x 0.3
View Angle	40/45(H Right/Left) 15/35 (V Upper/Lower)
Contrast Ratio	400:1
Back Light Life Time	50,000 Hours
Touch Screen	PCT Multi-Touch Screen(Double Glove)

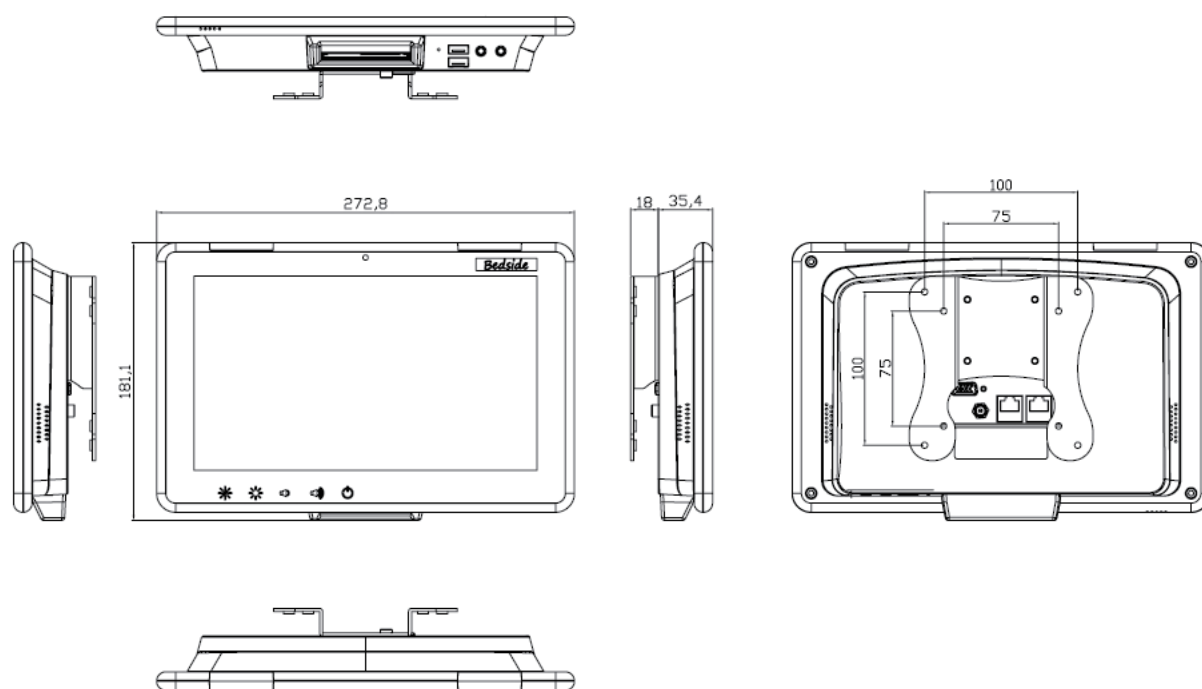
I/O

Audio	1 x Line out / Internal MIC
USB	2 x External USB2.0 (on bottom I/O)
Serial Port	1 x Internal RS-232 (Debug Port)
Ethernet	LAN 1:1 x10/100 Isolated Gigabit LAN w/POE
Speaker	2 x 3W High Quality Speakers

Mechanical and Environmental

Infection Control	Anti-Bacteria (Optional)
Power Requirement	DC 12V or Power Over Ethernet
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	Front Panel: IP65; Whole Unit: IPX1
Net Weight	1.0 kg
EMC	CE/FCC Class B, UL60950, EN60950





Ordering Information
» TF-ONYX-BE101DT-A1-1010

Infotainment Terminal.Cortex-A8 1GHz..10.1".802.11bg.BT2.0.DC12.C-TS.512M DDR2.256M NAND

» TF-ONYX- BE101DT-F1-1010

Infotainment Terminal.Cortex-A8 1GHz.10.1".802.11bg.BT2.0.DC12.C-TS.512M DDR2.256M NAND.RFID

Optional Accessories
» TF-PWR-M03001

30W Medical Adapter 3rd Edition, 110/240VAC input, 12V Output w/ 1.8meter Cable Length

» TF-PER-M83

100cm Adapter Extension Cable w/ 2.5mm DC Jack Plug

» TF-PER-M82

200cm Adapter Extension Cable w/ 2.5mm DC Jack Plug

» TF-PER-M84

300cm Adapter Extension Cable w/ 2.5mm DC Jack Plug

» TF-PER-M94

1~9KG Desktop VESA 75/100 mount

» TF-OPM-T000

Avermedia IPTV Server, 16 Channels DVB-T server machine

» TF-OPM-T010

Avermedia IPTV Server, 1 Channel Avercombo DVB-T Box machine

» OPM-P00DA02

30 Watt Power Over Ethernet Module Kit

» Dispensable Earphone

High quality Medical use headset