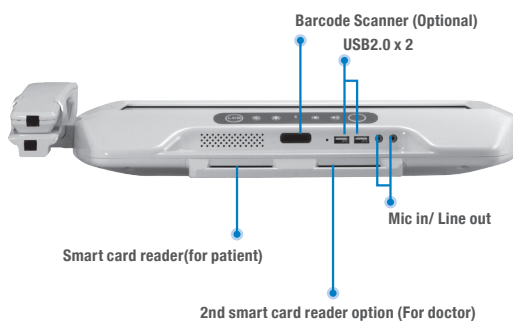
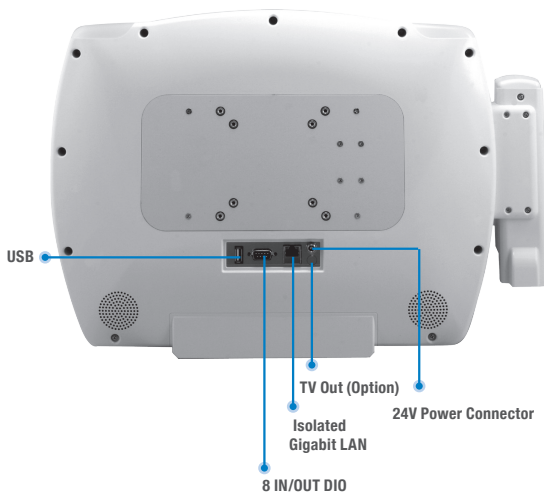
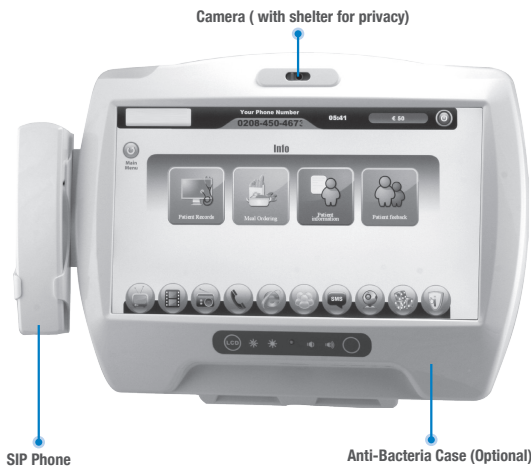


ONYX-BE180

18.5" Atom Bedside Infotainment Series



Feature



- Intel® Atom™ N270 Processor with Intel 945GSE + ICH7M Chipset
- 18.5" Wide Color TFT LCD Display
- Fanless & Compact Design
- VoIP Phone, Web Camera, High Quality Speakers
- Smart Card Reader
- Optional Features:
 - Analog Phone, Magnetic Stripe Reader
 - RFID/2nd Smart Card Reader, Barcode Scanner
 - Nurse Call / TV Tuning / HD Decoding Function
 - Bluetooth / WLAN b/g/n
- Multimedia Entertainment: TV, Game, VoIP, Web Radio



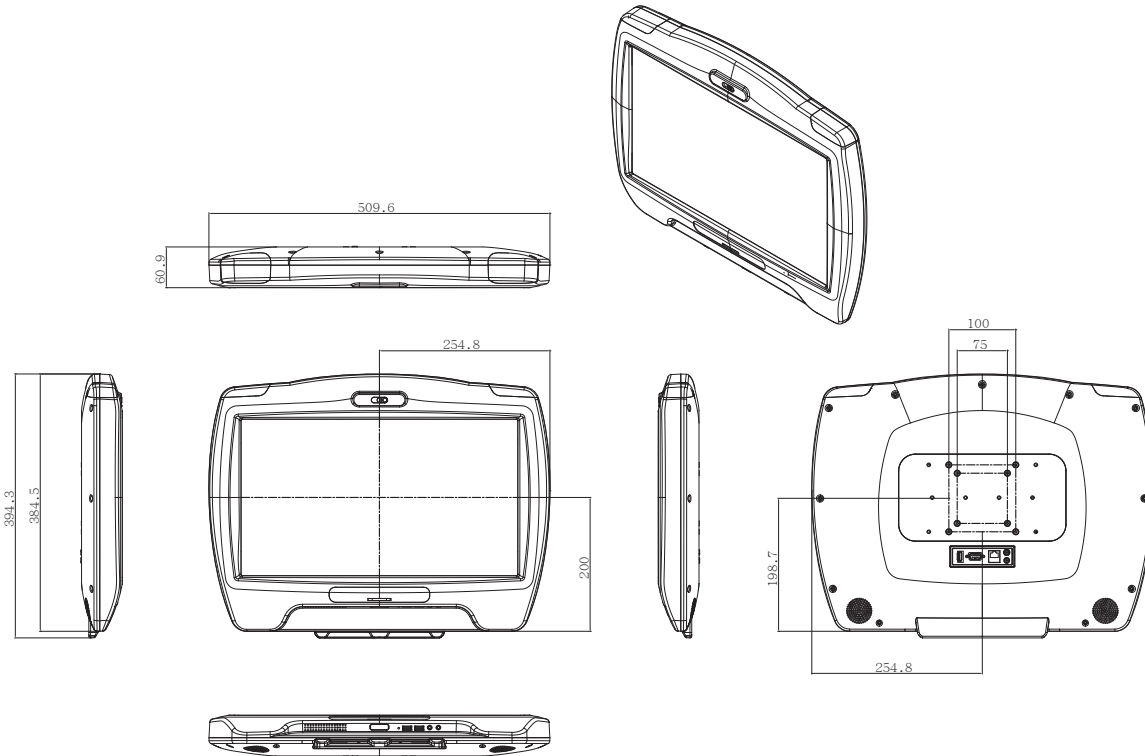
Specifications

Main Specifications	
CPU Processor	Intel® Atom™ N270 1.6GHz Processor
Chipset	Intel®945GSE + ICH7M
System Memory	2GB DDRII 400/533/667
OS Support	Windows® 7 (32 bit) Windows® XP Embedded Linux Red Hat / Fedora Core
Expansion	1 x Internal Mini PCI 1 x Internal Mini Card Magnetic Stripe Reader (Optional) 1D / 2D Barcode Scanner (Optional) VoIP Phone / Web Camera Nurse Call Function (Optional)
Storage	1 x 2.5" HDD (SATA) 1 x Type II Compact Flash™ 1 x Smart Card Reader 1 x 2nd Smart Card Reader/RFID Module (Optional)
Display	
Size	18.5"
Resolution	1366 x 768
Max. Colors	16.7M
Luminance	300 nits
View Angle	55/55 (H Right/Left) 30/55 (V Upper/Lower)
Contrast Ratio	1000:1
Back Light MTBF (Hours)	50,000 Hrs
Touch Screen	5-wire Resistive Touch screen/ 2048 x 2048, 35 million times
I/O	
Audio	1 x Line out/ MIC in/ Internal MIC (GPIO controllable, mute/ volume)
USB	3 x External USB2.0 (on bottom I/O)
Serial port	1 x Internal RS-232 1 x DIO Connector for Nurse Call
Ethernet	1 x Isolated Gigabit LAN (Support WOL)
Video	1 x Video-in for TV Tuning
Speaker	2 x 3W High Quality Speakers
Mechanical and Environmental	
Infection Control	Anti-Bacteria(Optional)
Power Requirement	DC 12V-27V
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 104°F)
Mounting	VESA 75/100
Degree of Protection	IP65 on Front Panel/IPX1 on Whole Unit
Net Weight	6 Kg
EMC	CE/FCC Class B, UL 60601-1, EN60601-1



Dimension

Unit: mm



Ordering Information

- » TF-ONYX-BE180DT-A1-1010
Fanless Ward Terminal, Atom™ N270 1.6GHz, 18.5" TFT, DC, R-TS, Phone, Web Camera, 1 x Smart Card Reader, 2GB RAM
- » TF-ONYX-BE180DT-A2-1010
Fanless Ward Terminal, Atom™ N270 1.6GHz, 18.5" TFT, DC, R-TS, Phone, Web Camera, 2 x Smart Card Reader, 2GB RAM
- » TF-ONYX-BE180DT-F1-1010
Fanless Ward Terminal, Atom™ N270 1.6GHz, 18.5" TFT, DC, R-TS, Phone, Web Camera, 1 x Smart Card Reader with RFID, 2GB RAM
- » TF-ONYX-BE180DT-F2-1010
Fanless Ward Terminal, Atom™ N270 1.6GHz, 18.5" TFT, DC, R-TS, Phone, Web Camera, 1 x Smart Card Reader, 1 x Smart Card Reader with RFID, 2GB RAM

Optional Accessories

- » TF-PWR-M12001
120W Medical Grade Adapter w/ 40cm Cable
- » TF-PWR-EXT10001
100cm Adpater Extension Cable w/ 2.5mm DC Jack Plug
- » TF-PWR-EXT20001
200cm Adpater Extension Cable w/ 2.5mm DC Jack Plug
- » TF-PWR-EXT30001
300cm Adpater Extension Cable w/ 2.5mm DC Jack Plug
- » TF-ARM-W1201
6-12kg Long Swivel Wall Mount Arm VESA75/100 (For 18.5" Unit)
- » TF-WIFI-001
WLAN Mini PCI 802.11 b/g
- » TF-WIFI-002
WLAN Mini PCI Card 802.11 a/b/g/n
- » TF-WIFI-003
WLAN Mini Card 802.11 b/g
- » TF-WIFI-004
WLAN Mini Card 802.11 b/g/n
- » TF-TVT-001
DVB-T TV Tuner Card
- » TF-TVT-002
ATSC TV Tuner USB2.0 Dongle Kit
- » TF-BCS-001
Internal 1D Barcode Scanner
- » TF-BCS-002
Internal 2D Barcode Scanner
- » TF-BCS-003
Handheld Scanner
- » TF-MSR-001
Magnetic Stripe Reader (White)
- » Recommended Hard Drive
2.5" 250GB SATA HDD (5400RPM)