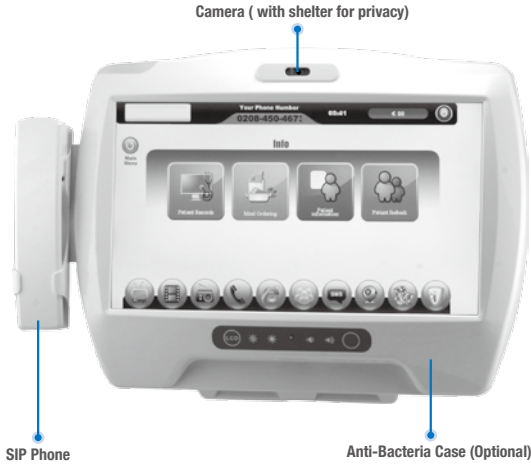


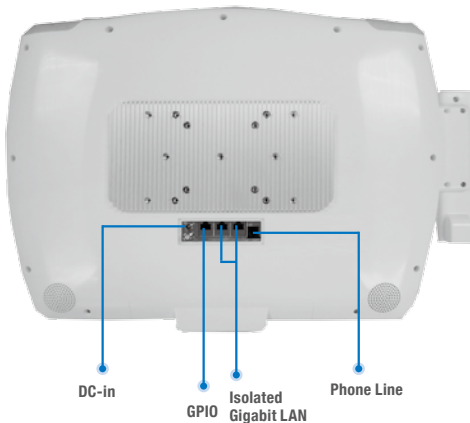
ONYX-BE185

18.5" Core 2 Duo Bedside Infotainment Series



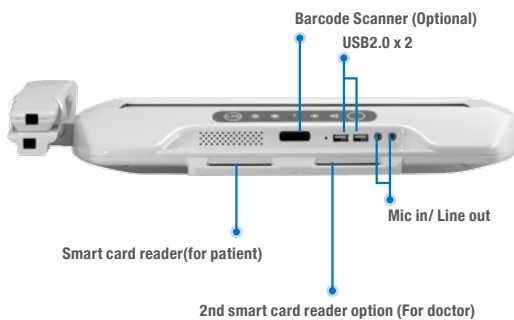
Feature

- Intel® Core™ 2 Duo U7500 1.06GHz Processor
- 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

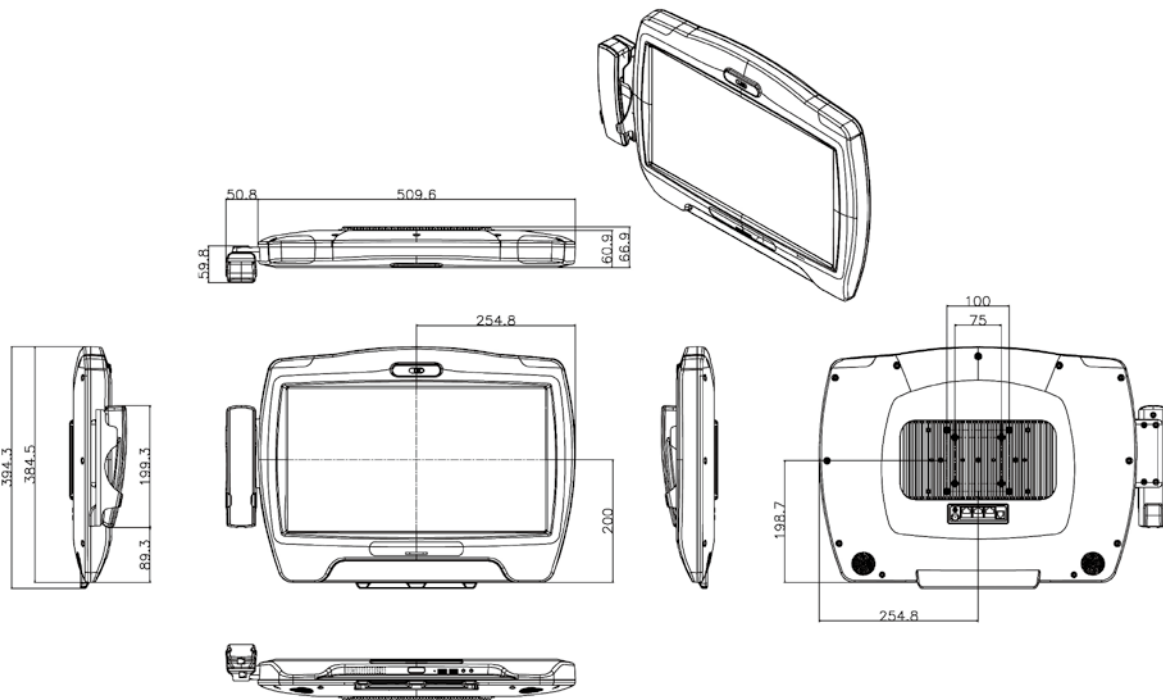
Main Specifications	
CPU Processor	Intel® Core™ 2 Duo U7500 1.06GHz on board processor
Chipset	Intel® 945GME, Shared memory up to 224MB
System Memory	2GB DDRII 400/533/667
OS Support	Windows® 7 (32 bit & 64 bit) Windows® XP Embedded Windows® XP Pro Embedded Linux Fedora Core
Expansion	2 x Internal Mini 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 Compact Fast 1 x Smart Card Reader 1 x 2nd Smart Card Reader/RFID Module (Optional)
Display	
Display Type	18.5" (16:9) Color TFT LCD
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
MTBF	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
USB	2 x External USB2.0 on bottom I/O
Serial port	Internal COM 1: 1 x RS-232 (Internal pin header) Internal COM 2: 1 x RS-232 (for Barcode Reader)
Ethernet	LAN 1:1 x Isolated Gigabit LAN LAN 2:1 x Isolated Gigabit LAN (Support Wake on LAN Function)
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 ~ 140°F)
Mounting	VESA 75/100mm
Degree of Protection	Front Panel: IP65; Whole Unit: IPX1
Net Weight	6.5 kg
EMC	CE/FCC Class B, UL 60601-1, EN60601-1





Dimension

Unit: mm



Ordering Information

» TF-ONYX-BE185DT-A1-1010

Fanless Ward Terminal, Core™ 2 Duo U7500 1.06GHz, 18.5" TFT, DC, R-TS, VOIP Phone, Web Camera, 1 x Smart Card Reader, 2GB RAM

» TF-ONYX-BE185DT-A2-1010

Fanless Ward Terminal, Core™ 2 Duo U7500 1.06GHz, 18.5" TFT, DC, R-TS, VOIP Phone, Web Camera, 2 x Smart Card Reader, 2GB RAM

» TF-ONYX-BE185DT-F1-1010

Fanless Ward Terminal, Core™ 2 Duo U7500 1.06GHz, 18.5" TFT, DC, R-TS, VOIP Phone, Web Camera, 1 x Smart Card Reader with RFID, 2GB RAM

» TF-ONYX-BE185DT-F2-1010

Fanless Ward Terminal, Core™ 2 Duo U7500 1.6GHz, 18.5" TFT, DC, R-TS, VOIP Phone, Web Camera, 1 x Smart Card Reader, 1 x Smart Card Reader with RFID, 2GB RAM

Optional Accessories

» TF-PWR-M09001

90W Medical Grade Adapter w/ 40cm Cable

» TF-PWR-EXT10001

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

» TF-PWR-EXT20001

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

» TF-PWR-EXT30001

300cm Adpter 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)

