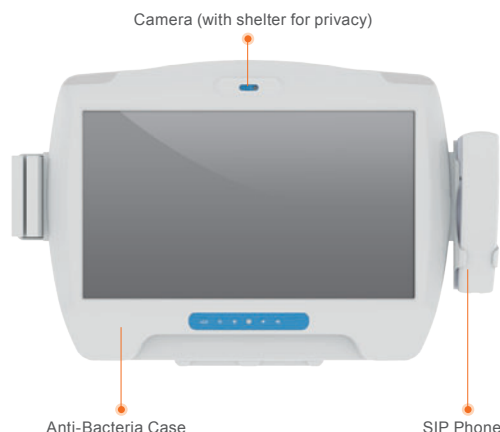


ONYX-BE181

18" Atom Dual Core Healthcare Infotainment Series



Features



- ◆ Intel® Atom™ Dual Core D525 1.8GHz Processor
- ◆ 18.5" Wide Color TFT LCD Display
- ◆ Fanless & Compact Design
- ◆ VoIP Phone, High Definition 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

Processor	Intel® Atom™ Dual Core D525 1.8GHz on board Processor
Chipset	Intel®ICH8M
System Memory	4GB DDR3 667/800 (1 x SODIMM)
OS Support Chipset	Windows® XP Embedded, XP Pro Embedded, Windows® 7(32 bit), Windows® Embedded Standard 7, Linux Fedora Core
Expansion	2 x Internal Mini-PCI Magnetic Stripe Reader (Optional) 1D/ 2D Barcode Scanner (Optional) VOIP Phone / High Definition Camer w/ Shutter Nurse Call Function (Optional)
Storage Disk Drive	1 x 2.5" HDD (SATA) 1 x Compact Flash (Optional) 1 x Smart Card Reader 1 x 2nd Smart Card Reader / RFID Module (Optional)

Display

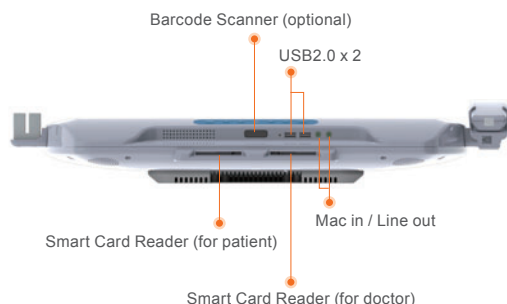
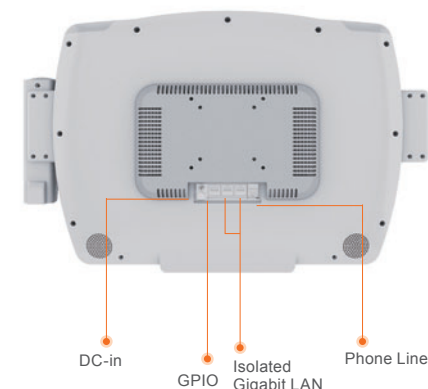
Size	18.5"(16:9) Color TFT LCD
Resolution	1366 x 768
Max. Colors	16.7M
Luminance	300 nits
View Angle	55/55(H Right / Left) 30/55(V Upper/ Lower)
Contrast ratio	1000:1
MTBF	50,000 Hours
Touch Screen	5-Wire Resistive Touch Screen / 2048 x 2048, 35 Million Times

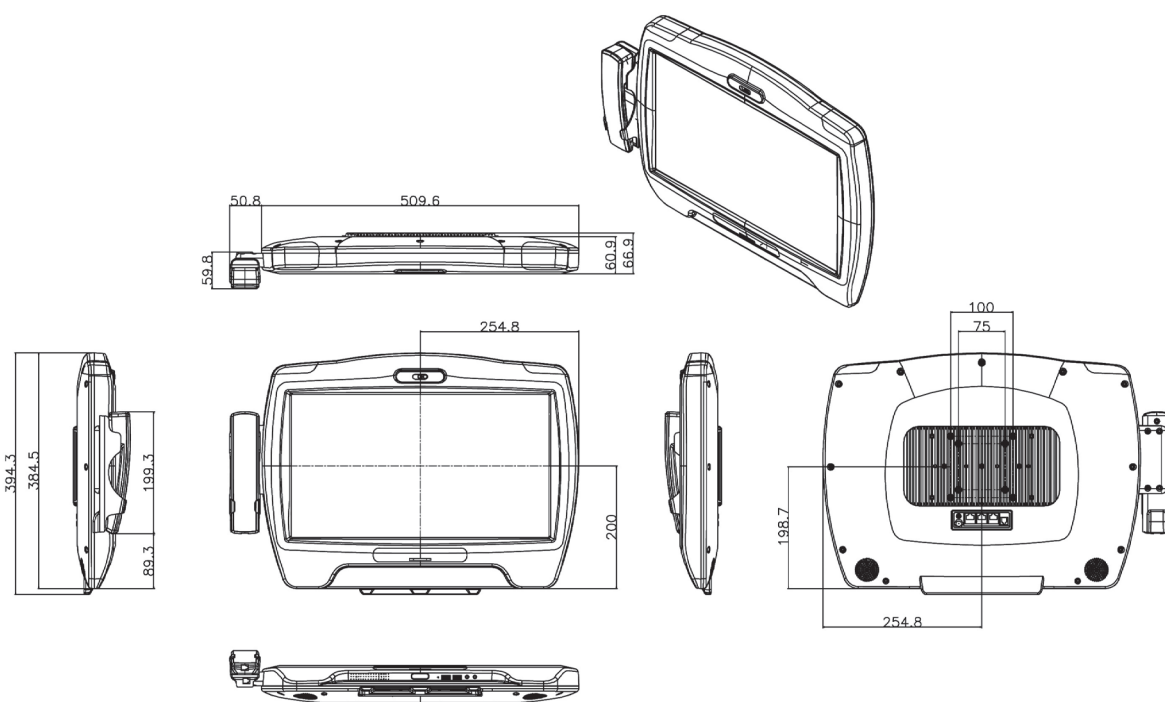
I/O

Audio	1x Line out / MIC in / Internal MIC
USB	2 x External USB2.0 on bottom I/O
Serial Port	Internal COM1:1 x RS232 (Internal pin header) Internal COM2:1 x RS232 (for barcode reader)
Ethernet	LAN1: 1 x Isolated Gigabit LAN
Video	1 x Video-in (Optional)
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 75/100 mm
Degree of protection	Front Panel: IP65; Whole Unit: IPx1
Net Weight	6.5kg
EMC	CE/FCC Class B, UL-60601-1, EN-60601-1




 Ordering Information

» TF-ONYX-BE181DT-A1-1010

Infotainment Terminal D525 1.8GHz.18.5".Fanless.DC.R-TS.2G RAM. phone/Cam/SCR

» TF-ONYX-BE181DT-A2-1010

Infotainment Terminal D525 1.8GHz.18.5".Fanless.DC.R-TS.2G RAM. phone/Cam/2xSCR

» TF-ONYX-BE181DT-F1-1010

Infotainment Terminal D525 1.8GHz.18.5".Fanless.DC.R-TS.2G RAM. Phone/Cam/Rfid/SCR

» TF-ONYX-BE185DT-F2-1010

Infotainment Terminal D525 1.8GHz.18.5".Fanless.DC.R-TS.2G RAM. Phone/Cam/Rfid/2xSCR

 Optional Accessories

» TF-PER-M96

70W Medical Grade 3rd Edition, 110/240VAC input, 24V output, 1.8 meter 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-M93

3-9kg Light Swivel Wall Mount Arm with pre-installed PWR/RJ45/ COAX/USB Cable, VESA75/100 Mount

» TF-PER-M95

Ceiling Mount kit. To be used with TF-PER-M93

» TF-PER-M91

WLAN 802.11 b/g/n and Bluetooth 3.0 Combo Mini Card

» TF-PER-M57

1D Barcode Scanner Kit

» TF-PER-M58

2D Barcode Scanner Kit

» TF-OPM-V00U

ATSC TV Tuner Mini Card

» TF-OPM-V01U

DVB-T TV Tuner Mini Card

» TF-OPM-V00M

Broadcom HD Video Mini Card for HD video decoding

» TF-PER-M64

Magnetic Card Reader Kit

» Recommended Hard Drive

2.5" 250GB SATA HDD (5400RPM)

» Dispensable Earphone

High quality Medical use headset