Onyx Healthcare Infotainment Solution
ONYX-BE182
18.5” Fanless Bedside Infotainment Touch Terminal

Features
- Intel® J1900 2.42GHz Quad Core Processor
- 18.5" Wide Color TFT LCD Touch Terminal
- PCT for supporting multi-touch
- Wire remote-control w/ handset function
- VOIP phone, webcam, high quality speaker, MSR, smart card reader
- Reading light
- Extension feature: RFID, barcode scanner
- IP65 water proof in front
- EN 60601-1, UL 60601-1

Specifications

Main Specifications
- Processor: Intel® Celeron J1900 Quad Core 2.42GHz
- System Memory: Supports DDR3 SODIMM up to 8GB
- Expansion Interface: Mini Card x 2
- Storage Disk Drive: 2.5" SATA Hard Disk Drive/SSD x 1
- Security: Trusted Platform Module, Smart Card Reader (optional), MSR (optional), RFID (optional)
- Wireless Communication: 802.11b/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

Display
- Size: 18.5" (16:9) Colour TFT LCD
- Resolution: 1366 x 768
- Max. Colours: 16.7M
- Luminance: 300 nits
- View Angle: 170(H)/160(U)
- Contrast Ratio: 1000:1
- MTBF: 30,000 Hours
- Touch Screen: Projected capacitive touch/5-wire resistive touch

I/O
- USB: USB2.0 x 2
- Serial Port: Isolated RS-232 x 2
- Ethernet: Isolated Gigabit LAN x 2
- Audio: Mic-in, Line-out

Mechanical and Environmental
- Infection Control: Anti-bacteria (optional)
- Power Requirement: DC 12V~24V
- 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: 4.2 kg
- Package Dimension (W x D x H): 72 x 224 x 464 mm
- EMC: CE/ FCC Class B, UL60601-1, EN60601-1
18.5" Fanless Bedside Infotainment Touch Terminal

**Ordering Information**

- **ONYX-BE182DT-A1-1010**

- **ONYX-BE182DT-F1-1010**

- **ONYX-BE182DT-A2-1010**
  - 18.5" Infotainment Terminal. Intel Quad-Core J1900. 2G RAM. Fanless. PCT Touch. Reading Light. Webcam. Smart Card Reader

- **ONYX-BE182DT-F2-1010**
  - 18.5" Infotainment Terminal. Intel Quad-Core J1900. 2G RAM. Fanless. PCT Touch. Reading Light. Webcam. Smart Card Reader

**Optional Accessories**

- **1757306039**
  - Medical Power Adapter, 60W, 12V

- **OPM-H04A**
  - ARM, Wall Mount, VESA 75/100, 1~7kg

- **OPM-T009-A1**
  - Handset and Wire Remote Control

- **OPM-T009-A2**
  - Handset and Wire Remote Control + 2D Barcode Scanner

- **OPM-C06W-A5**
  - WLAN kit. 802.11 a/b/g/n + Bluetooth 4.0LE/3.0HS/2.1EDR for BE182

- **OPM-S02C-A1**
  - MSR for BE381

- **OPM-H13A-A1**
  - Bedside Wall Mount Long Arm, 1~6kg. VESA 75/100

- **OPM-H15A-A1**
  - Easy Ceiling Mount Swivel Arm, 1~6kg. VESA 75/100

micromaxhealth.com