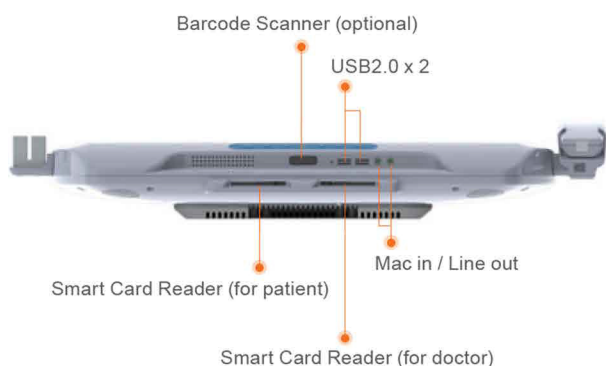
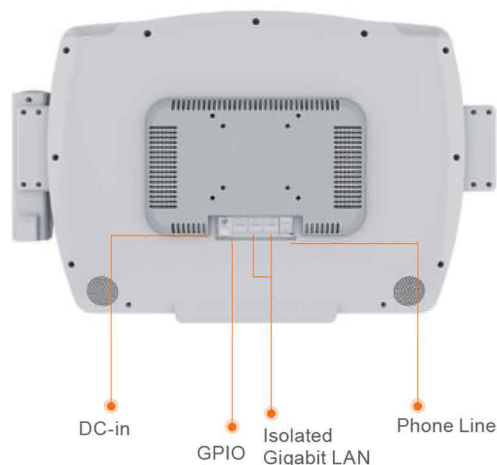
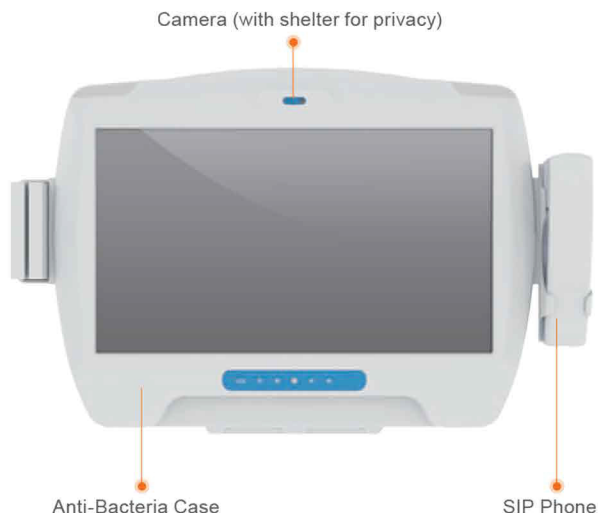
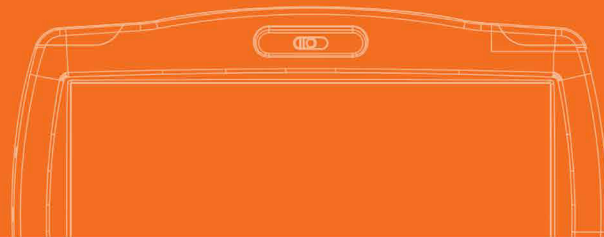


NH-BE181

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



Czara Group

* Note: All specifications are subject to change without notice.