

M1858

18.5" Fanless Intel® Atom™ Dual Core N2800 Infotainment Terminal



Features

- Bedside Infotainment, Self-registration, Applicable
- Lifetime Guarantee Anti-bacterial Protection (Against Escherichia Coli & Staphylococcus Aureus)
- Fanless Operating with Intel® Atom™ N2800 Processor
- EN60601-1, EN60601-1-2 Certified
- Ventless Design, Water-proof, Dust Resistant
- Support H.264/AVC @Level 4.2; MPEG-4 Part2 SP & ASP
- Privacy Cover on Camera
- Patient Identification Through Integrated RFID, Barcode Scanner and Dual Smart Card Reader Slots
- Intel® SSD Compatible

System

CPU	Intel® Atom™ Dual Core N2800 1.86GHz processor
Memory	2GB DDR3 SO-DIMM memory module installed
Chipset	Intel® N2800 + PCH NM10
Storage	160GB 2.5" SATA HDD installed

Peripheral Devices

Bluetooth	1 x Bluetooth module (optional)
Barcode Scanner	1 x 2D Barcode Scanner (optional)
Camera	1 x 5.0 megapixels CCD camera (with privacy slide)
Phone	1 x VoIP phone blower (optional)
RFID	1 x Integrated ISO 15693/14443A/14443B RFID reader (optional)
Smart Card Reader	Dual slots Smart Card Reader
Wi-Fi	1 x 802.11 b/g/n wireless LAN (optional)

I/O interface

Audio I/O	2 x Internal speakers (3W), 1 x Microphone built-in 1 x Mic-in, 1 x speaker-out on bottom Line
A/V input*	3 x RCA connectors on bottom line
LAN	2 x RJ45 connectors for GbE LAN (one on bottom Line, and the other on rear panel)
Serial Port	1 x RS-232 port on bottom Line
USB Port	3 x USB 2.0 ports (two on Bottom and one on Rear)

Button & Indicator

Function Key	8 x function keys
LED Indicator	4 x programmable LEDs on front panel
Power Button	1 x Power on/off button

Power Requirement

Adapter Input	100 ~ 240 VAC (Full Range)
Adapter Output	20VDC, 3A, 60W (Max.)
Power Consumption	35W (Max.)

LCD Display

Size/Type	18.5" TFT color LCD
Max. Resolution	1366 x 768 (WXGA) with 16.7M colors
Luminance	250 cd/m ² (typ.)
Contrast Ratio	1000 : 1 (typ.)
Backlight Type	LED
Backlight Life Time	30,000 hours

Touch Screen

Type	Analog Resistive Touch, 5 wire
Light Transparency	80% (typ.)
Controller Interface	USB interface

Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Operating Humidity	5 ~ 95% (non-condensing)
Dimensions (W x D x H)	558 x 337 x 65.2mm (21.97" x 13.27" x 2.57")
Weight (Net)	5.5 kg (12.1 lb)
Construction	Plastic + Aluminum
Mounting	VESA-75/100 compatible (M6)
Regulatory	CE, FCC Class B EN60601-1, EN60601-1-2
IP Rating	Front panel IP65 waterproof

OS Support

Windows embedded Standard 7
Windows XP embedded
Linux Ubuntu and Fedora compliant

Ordering Information

M1858	18.5" fanless Intel® Atom™ N2800 1.86GHz panel PC
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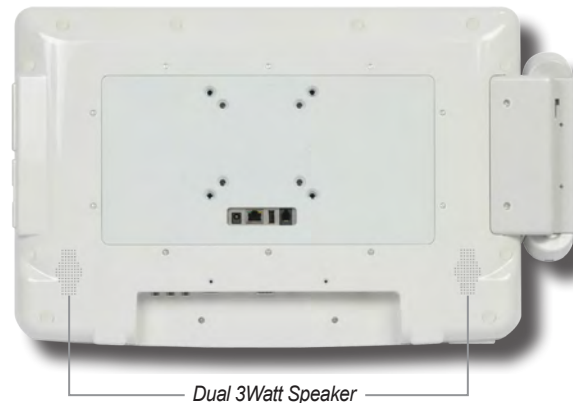
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18.5" Fanless Intel® Atom™ Dual Core N2800 Infotainment Terminal

5.0MP CCD Camera with Privacy Slide



Dual Smart Card Reader



Capacitive Function Key



Composite AV Input



Standard Accessories

PAC-M065W

65W Medical AC/DC adapter kit



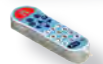
Optional Accessories

Phone Blower

VoIP Phone



Remote Controller



ARM Kit

Hospital Arm

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Optional Configuration (CTOS* Kit)

RFID-185x

RFID module kit



BarC-185x

Barcode scanner module kit



WiFi-185x

WiFi module kit



BT-185x

Bluetooth module kit



AVC-185x-D

[PAL] AV capture card



AVC-185x-A

[NTSC] AV capture card



MPEG Decoder Card

Support H.264/ AVC, MPEG-2, VC-1, WMV9, MPEG-4, DivX, Xvid, and AVS



SSD-25080

Intel® 2.5" 80GB SATAII SSD kit

Brand/Type Intel / 2.5 inch

Interface SATAII

Capacity 80GB

Dimensions (W x D x H) 100.45 x 69.85 x 9.5 mm (3.95" x 2.75" x 0.37")



*CTOS means Configure to Order Service.