

M1726

17" Fanless Intel® Atom™ N270 1.6GHz Patient Infotainment Terminal



Features

- **Fanless Design**
- Applicable for Bedside Infotainment, Self-registration
- UL60601-1 Compliant ; EN60601-1/EN60601-1-2 Certified
- Soldered Onboard Intel® Atom™ N270 Processor
- Fanless Operating
- Seamless Flush Front Panel for Easy Cleaning
- Water-proof, Dust Resistant
- Multi-connectivity (Bluetooth/WLAN/GbE LAN)
- Integrated VOIP Phone, Camera and Smart Card Reader
- Intel® SSD Compatible

System

CPU	Intel® Atom™ N270 1.6GHz processor
Graphics Controller	Intel® GMA950
Memory	2GB DDR2 SO-DIMM memory module installed
Chipset	Intel® 945GSE + ICH7M
Storage	2.5" 320GB SATA HDD installed

Peripherals and Devices

Camera	1 x 2.0 megapixels CMOS camera
Wi-Fi	Integrated WLAN 802.11 b/g/n
Bluetooth	Integrated Bluetooth 2.1 + EDR (optional)
Smart Card Reader	1 x Smart Card Reader
TV Card	IR, TV tuner card (optional)
Barcode Scanner	1 x 2D Barcode Scanner (optional)
RFID	1 x Integrated ISO 15693/14443A/14443B RFID reader (optional)
MSR	Magnetic Stripe Reader (optional)

I/O Interface

Serial Port	1 x RS-232 port
USB Port	3 x USB 2.0 ports
LAN	2 x Gigabit Ethernet controllers
Audio I/O	2 x speakers (0.5W), Microphone built-in 1 x Mic-in, 1 x speaker-out on bottom line
RJ9	1 x RJ-9 connector for VOIP phone
VOIP	1 x VOIP phone

Button & Indicator

Button	1 x system power on/off button 6 x programmable function keys (Volume up/down, Brightness up/down, Handsfree switch, Menu)
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LCD Display

Size/Type	17" TFT Color LCD
Max. Resolution	1280 x 1024, SXGA
Max. Colors	16.7M colors
Luminance	380 cd/m ² (typ.)
View Angle (U/D/R/L)	80°/80°/85°/85°
Contrast Ratio	1000 : 1

Touch Screen

Type	Analog Resistive Touch
Light Transparency	80% (typ.)
Controller Interface	USB Interface

Power Requirement

Adapter Input	100 ~ 240VAC (Full Range)
Adapter Output	20VDC, 3A, 60W (Max.) with medical certificate

Mechanical & Environmental

Operating Temp.	0 ~ 45°C (32 ~ 113°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	10 ~ 95% @ 45°C (non-condensing)
Net Weight	6.9 kg (15.21 lb)
Dimensions (W x D x H)	406 x 55 x 340 mm (15.98" x 2.17" x 13.39")
Vibration	1 Grms/ 5 ~ 500Hz/ random operation
Shock	10G/peak (11ms)
Mounting	Support VESA-75/100 mounting holes for desktop stand, wall-mount, ceiling mount
IP Rating	Front panel IP65 waterproof
Regulatory	CE, FCC Class B, EN60601-1, EN60601-1-2, UL60601-1

OS Support

Windows 7 Embedded / Windows 7 Professional
Windows XP Embedded / Windows XP Professional
Ubuntu and Fedora Linux compliant

Ordering Information

M1726-Lite	17" fanless Intel® Atom™ N270 medical PC with camera, WiFi and Smart Card Reader
ARM-1552M	Wall-mount hospital arm (VESA-75/100) L=1907 mm
ARM-1682M	Wall-mount hospital arm w/ wall box (VESA-75/100) L=1847 mm
ARM-1752M	Ceiling-mount hospital arm (VESA-75/100) L=1857 mm