



# M1726

17" Fanless Intel® Atom™ N270 1.6GHz Medical PC



## Features

- Bedside Infotainment, Self-Service, Medical Thin Client Applicable
- UL60601-1/EN60601-1/EN60601-1-2
- Soldered Onboard Intel® Atom™ N270 1.6GHz CPU
- Fanless Operating
- Seamless Flush Front Panel for Easy Cleaning
- Ventless Design, Water-proof (Whole Set IP54, Front Panel IP65), Dust Resistant
- Multi-connectivity (Bluetooth/WLAN/GbE LAN)
- Integrated VOIP Phone, Camera, RFID, 2D Barcode Scanner, MSR and Smart Card Reader

## System

<b>CPU</b>	Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
<b>Graphics Controller</b>	Intel® 945GSE
<b>Memory</b>	1GB DDR2-533 SO-DIMM Memory installed
<b>Chipset</b>	Intel® 945GSE + ICH7M
<b>Storage</b>	160GB 2.5" SATA HDD installed

## Peripherals and Devices

<b>Serial Port</b>	1 x RS-232 port
<b>USB Port</b>	3 x USB 2.0 ports
<b>RJ9</b>	1 x RJ-9 connector for VOIP phone
<b>VOIP</b>	1 x VOIP phone
<b>Camera</b>	1 x 2.0 megapixels CMOS camera
<b>RFID</b>	13.56MHz RFID Reader with ISO 15693 support
<b>Ethernet</b>	2 x Intel® WG82574L Gigabit Ethernet controllers
<b>Wi-Fi</b>	Integrated WLAN 802.11 b/g/n
<b>Bluetooth</b>	1 x Bluetooth module
<b>Barcode Scanner</b>	1 x 2D Barcode Scanner
<b>MSR</b>	1 x Magnetic Strip Reader
<b>Smart Card Reader</b>	1 x Smart Card Reader
<b>TV Card</b>	IR, TV tuner card (optional) (PCI-E slot)

## Button

<b>Buttons</b>	1 x system power on/off button 6 x programmable function keys (Volume, Brightness, Phone on/off, Menu)
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## Audio

<b>Codec/Interface</b>	Azalia HD Audio Codec (ALC888) Internal 2 x speakers (1.5W), Microphone built-in 1 x Mic-in, 1 x speaker-out
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## LCD Display

<b>Size/Type</b>	17" TFT Color LCD/1 Channel 24-bit LVDS
<b>Max. Resolution</b>	1280 x 1024, SXGA
<b>Max. Colors</b>	16.7M colors
<b>Luminance</b>	300 cd/m <sup>2</sup> (typ.)
<b>Viewing Angle</b>	70 (H/R), 70 (H/L), 70 (V/U), 70 (V/D) (CR=10)
<b>Contrast Ratio</b>	1000 : 1
<b>Backlight MTBF</b>	40,000 hours

## Touch Screen

<b>Type</b>	5 wire, Analog Resistive
<b>Light Transparency</b>	80% (typ.)
<b>Controller Interface</b>	USB Interface

## Power Supply

<b>Adapter In</b>	100 ~ 240VAC (Full Range)
<b>Adapter Out</b>	20VDC, 3.16A, 60W (Max.)

## Mechanical & Environmental

<b>Operating Temp.</b>	0 ~ 45°C (32 ~ 113°F)
<b>Operating Humidity</b>	10 ~ 95% (non-condensing)
<b>Dimensions (W x D x H)</b>	406 x 55 x 340 mm (15.98" x 2.17" x 13.39")
<b>Vibration</b>	1 Grms/ 5 ~ 500Hz/ random operation
<b>Shock</b>	10G/peak (11ms)
<b>Construction</b>	Plastic
<b>Mounting</b>	Desktop stand, Ceiling ARM (VESA-75/100), Wall-mount
<b>IP Rating</b>	Whole set IP54, front panel IP65 splashproof, dust resistant
<b>Regulatory</b>	CE, FCC class-B, EN60601-1, EN60601-1-2, UL60601-1

## Ordering Information

<b>M1726</b>	17" fanless Intel® Atom™ N270 medical PC
<b>VMK-1726</b>	VESA-75/100 mounting kit
<b>ARM-934</b>	Desktop LCD monitor stand (VESA-75/100)
<b>ARM-125M</b>	Wall-mount hospital arm (VESA-75/100) L=1644 mm
<b>ARM-225M</b>	Wall-mount hospital arm (VESA-75) L=1684 mm
<b>ARM-127M</b>	Ceiling-mount hospital arm (VESA-75/100) L=1644 mm