



M1726

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



Features

- Bedside Infotainment, Self-registration, 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

CPU	Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
Graphics Controller	Intel® 945GSE
Memory	2GB DDR2-533 SO-DIMM Memory installed
Chipset	Intel® 945GSE + ICH7M
Storage	160GB 2.5" SATA HDD installed

Peripherals and Devices

Serial Port	1 x RS-232 port
USB Port	3 x USB 2.0 ports
RJ9	1 x RJ-9 connector for VOIP phone
VOIP	1 x VOIP phone
Camera	1 x 2.0 megapixels CMOS camera
RFID	Integrated ISO 15693/14443A/14443B RFID Reader (distance: 3 cm; speed: 5 cards/sec)
Ethernet	2 x Intel® WG82574L Gigabit Ethernet controllers
Wi-Fi	Integrated WLAN 802.11 b/g/n
Bluetooth	1 x Bluetooth module
Barcode Scanner	1 x 2D Barcode Scanner
MSR	1 x Magnetic Strip Reader
Smart Card Reader	1 x Smart Card Reader
TV Card	IR, TV tuner card (optional) (PCI-E slot)

Button

Buttons	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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Audio

Codec/Interface	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

Size/Type	17" TFT Color LCD/1 Channel 24-bit LVDS
Max. Resolution	1280 x 1024, SXGA
Max. Colors	16.7M colors
Luminance	380 cd/m² (typ.)
Viewing Angle	70 (H/R), 70 (H/L), 70 (V/U), 70 (V/D) (CR=10)
Contrast Ratio	1000 : 1
Backlight MTBF	40,000 hours

Touch Screen

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

Power Supply

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

Mechanical & Environmental

Operating Temp.	0 ~ 45°C (32 ~ 113°F)
Operating Humidity	10 ~ 95% (non-condensing)
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)
Construction	Plastic enclosure with forged aluminum heatsink
Mounting	Supports VESA-75/100 mounting holes for desktop stand, wall-mount, ceiling mount
IP Rating	Whole set IP54, front panel IP65 splashproof, dust resistant
Regulatory	CE, FCC class-B, EN60601-1, EN60601-1-2, UL60601-1

Ordering Information

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