

M1526

15" Fanless Intel® Atom™ N270 Healthcare Station



Features

- Soldered Onboard Intel® Atom™ N270 1.6GHz Processor
- EN60601-1 / EN60601-1-2 Certified
- Passive Cooling System (Fanless)
- Front Panel IP54 Splashproof, Dust Resistant
- Multi-connectivity (Bluetooth/WLAN/GbE LAN)
- Integrated Smart Card Reader
- Fanless Operating
- Option: Dual Li-Battery (7,800mAH and 1880mAH) with Long Battery Life (5hrs)

System

CPU	Intel® Atom™ N270 1.6GHz processor with 533MHz FSB
Graphics Controller	Intel® GMA950 Video Controller, up to 128MB shared memory
Memory	1GB DDR2 SO-DIMM Memory Installed
Chipset	Intel® 945GSE + ICH7M
Storage	160GB 2.5" SATA HDD installed

Peripherals and Devices

Serial Port	4 x RS-232 ports
USB Port	4 x USB 2.0 ports
KB/MS	1 x PS2 Keyboard ,1 x Mouse
Ethernet	2 x Intel® WG82574L Gigabit Ethernet controllers
VGA	1 x DB-15 Analog RGB port
Wi-Fi	1 x 802.11 b/g/n USB wireless LAN card with antenna
Bluetooth	1 x Bluetooth module
Smart Card Reader	1 x Smart Card Reader
CCD Camera	1 x 2.0 megapixels CMOS camera
Expansion Bus	1 x PCIe Mini-card (USB 2.0 or PCIe interface)

Button & Indicator

Buttons	8 x programmable function keys (F1 – F8) 1 x system power on/off button
Indicators	3 x LEDs on front panel (Battery, Power, Storage) 1 x Warning LED

Audio

Codec/Interface	Azalia HD Audio Codec (ALC888) Internal 2 x speakers (1.5W), microphone built-in
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LCD Display

Size/Type	15" TFT Color LCD/1 Channel 24-bit LVDS
Max. Resolution	1024 x 768, XGA
Max. Colors	16.2M
Luminance	225 cd/m ² (typ.)
Viewing Angle	60 (H/R), 60 (H/L), 60 (V/L), 50 (V/D) (CR=10)
Contrast Ratio	420 : 1
Backlight MTBF	30,000 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	19VDC, 3.42A, 65W
Power Consumption	28W

Battery (OEM only)

Battery Type	Li-battery pack
Battery Capacity	Internal 7800mAH 9-cell + Internal 1880mAH 4-cell
Battery Operating Time	4 hours

Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Operating Humidity	5 ~ 85% (non-condensing)
Net Weight	5.2 kg (11.46 lb)
Dimensions (W x D x H)	409 x 58 x 341 mm (16.1" x 2.28" x 13.43")
Vibration	17 ~ 500Hz, 1G PTP
Shock	10G/peak (11 ms)
Construction	Plastic
Mounting	VESA-75/100 compatible
IP Rating	Front panel: IP54 splashproof, dust resistant
Regulatory	CE/FCC Class B, EN60601-1, EN60601-1-2 certified

Ordering Information

M1526	15" fanless Intel® Atom™ N270 1.6GHz panel PC
VMB-1526	VESA-75/100 mounting bracket
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

All specifications are subject to change without notice.