

M1526

15" Fanless Intel® Atom™ N270 Healthcare Station



Features

- Soldered Onboard Intel® Atom™ N270 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)
- 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

Wi-Fi	Integrated 802.11 a/b/g/n
Bluetooth	Integrated Bluetooth 2.1 + EDR
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)

I/O Interface

Audio	1 x Integrated microphone, 2 x Integrated 3W speakers 1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232 ports
USB Port	4 x USB 2.0 ports
KB/MS	1 x PS2 Keyboard, 1 x Mouse
LAN	2 x Intel® WG82574L Gigabit Ethernet controllers
VGA	1 x DB-15 Analog RGB port

Button & Indicator

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

LCD Display

Size/Type	15" TFT Color LCD
Max. Resolution	1024 x 768, XGA
Max. Colors	16.2M
Luminance	250 cd/m ² (typ.)
View Angle (U/D/R/L)	80°/80°/85°/85°
Contrast Ratio	700 : 1

Touch Screen

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

Power Requirement

Adapter In	100 ~ 240VAC (Full Range)
Adapter Out	20VDC, 3A, 60W

Battery

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)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	10 ~ 95% @ 40°C (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)
Mounting	VESA-75/100 compatible
IP Rating	Front panel: IP54 splashproof, dust resistant
Regulatory	CE/FCC Class B, EN60601-1, EN60601-1-2 certified

OS Support

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

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