



M1526

15" Fanless Intel® Atom™ N270 Medical PC



Features

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

System

CPU	Intel® Atom™ N270 1.6GHz CPU with FSB 533MHz
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 (M1526-F only)
Bluetooth	1 x Bluetooth module (M1526-F only)
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 Type	Li-battery pack
Battery Capacity	Internal 7800mAh 9-cell (1526-F/1526-A only) Internal 1880mAh 4-cell (1526-F only)

Battery Operating Time 4 hours

Mechanical & Environmental

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

Ordering Information

M1526-F	15" fanless w/ Intel® Atom™ N270 1.6GHz panel PC with dual batteries
M1526-A	15" fanless Intel® Atom™ N270 1.6GHz panel PC with single battery
M1526-B	15" fanless Intel® Atom™ N270 1.6GHz panel PC w/o battery
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

All specifications are subject to change without notice.