

M1526

15" Intel® Atom™ N270 Medical PC for Mobile Clinical Assistant

15" Fanless Intel Atom™ N270 1.6GHz Panel PC for Self-service, Infotainment Application



Features

- Low Power Intel Atom™ N270 1.6GHz
- 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

System

CPU	Intel Atom™ N270 1.6GHz, FSB 533MHz/512K L2 Cache
Graphics Controller	Intel GMA950 Video Controller, up to 192MB shared memory
Memory	1 x 200-pin DDRII 667MHz SO-DIMM 1GB (Up to 2GB)
Chipset	Intel 945GSE + ICH7M
Serial ATA	1 x Serial ATA 300MB/s HDD transfer rate

Peripherals and Devices

Serial Port	2 x RS-232 ports
USB Port	4 x USB 2.0 ports
KB/MS	1 x PS2 K/B , 1 x Mouse
LAN	2 x Intel, WG82574L Gigabit LAN
VGA	1 x DB15 VGA 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 megapixel 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 colors
Luminance	225 cd/m ²
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%
Controller Interface	USB Interface

Storage

HDD/Type	1 x 2.5" SATAII HDD bay
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Power Adapter & Battery

Power Consumption	28W
Adapter	AC Input: 100 ~ 240VAC (Full Range) DC Output: DC 19V input by ext. 65W power adapter
Battery	Internal 7800mAh 9-cell Li-battery(1526-F/1526-A only) Internal 1880mAh 4-cell Li-battery (1526-F only)

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

Ordering Information

M1526-F	15" Fanless Panel PC (gray) w/Intel Atom™ N270 1.6GHz CPU/160GB HDD/1GB RAM/Wireless LAN/Bluetooth/dual batteries
M1526-A	15" Fanless Panel PC (gray) w/Intel Atom™ N270 1.6GHz CPU/160GB HDD/1GB RAM/Wireless LAN/Bluetooth/single battery
M1526-B	15" Fanless Panel PC (gray) w/Intel Atom™ N270 1.6GHz/160GB HDD/1GB RAM, w/o battery
ARM-150	VESA-75/100 desktop LCD monitor ARM



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