



M1256

12.1" Intel Atom™ N270 Portable Medical PC with Resistive Touch Screen



◀ New!!

Features

- Healthcare-oriented Security System Applicable
- Fully Sealed, Fanless, Ventless Design
- Transit Drop under 3 feet
- Slip-Free Grip for Easy Handling
- Redundant Battery (Dual Hot-Swappable External Battery) w/ Long Battery Life (4.5hrs)
- Ultra-light (1.7kg with Dual External Battery)
- Multi Connectivity (Bluetooth/WLAN/GPS/GPRS)
- Integrated 2D Barcode Scanner, 2.0 Megapixel Camera, RFID Reader
- Biometric Fingerprint Validation for Access Control
- Automatically Lock/Unlock with Biometric Recognition

System

CPU	Intel ATOM™ N270, 1.6 GHz FSB 400/533MHz 512K Cache
Graphics Controller	Intel 945GSE
Memory	1 x 200-pin SO-DIMM DDR2 1GB memory (module installed)
Chipset	Intel 945GSE + ICH7M
Audio	Azalia HD ALC888 Audio
Storage	1 x 1.8" IDE HDD 60G or 80G 32 GB SSD (Optional)
Connectivity	1 x Realtek 8111C-VC-GR PCI-E GbE LAN 1 x 802.11 a/b/g/n Mini PCIe Wireless LAN card 1 x Bluetooth module 1 x CDMA/GPRS module (SIERRA MC5727 or MC8790) 1 x GPS module (in the vehicle cradle)
Security	Biometric recognition by fingerprint scanner
Camera	Color, 2.0 Megapixel CMOS Camera
RFID	13.56MHz RFID Reader with ISO 15693 support
I/O	1 x USB 2.0 port
Battery	2 x External 1880mAh 4-cell Li-battery

Switches & Buttons

Function Key	1 x 5-way function key (brightness/volume/WLAN on/off) 1 x Screen security lock button 1 x Input type (Chinese/Alphanumeric) selection button 1 x Audio record button 1 x Video record button 1 x SAS button (Ctrl + Alt + Del) 1 x Camera capture button 1 x Bluetooth on/off button 1 x RFID read trigger button 1 x Barcode scan trigger button
LED Indicator	1 x Battery status LED 1 x WLAN/RFID on/off LED
Power Button	1 x Power on/off button with indicative LED ring

LCD Display

Size	12.1" TFT Active Matrix Panel
Luminance	300 cd/m²
Max. Resolution	1280 x 800 (WXGA) w/ 262,144 colors
Viewing Angle	+70° ~ -70° (H), +55° ~ -70° (V)
Backlight Type	CCFL

Touch Screen

Type	Analog Resistive
Light Transmission	80%
Controller Interface	USB Interface

Power Requirement

Power Input	DC 19V input by ext. 60W power adapter
Power Consumption	14W (Avg.)

Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 113°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	8 ~ 80% (non-condensing)
Storage Humidity	8 ~ 90% (non-condensing)
Dimensions (W x D x H)	307 x 25 x 277 mm (12.09" x 0.98" x 10.91")
Weight (Net)	1.7 kg (3.8 lb) with dual external battery
EMI/EMC	CE/FCC Class B, CCC, UL60601-1 compliant
IP Rating	Entire Device IP54 compliant
Vibration	5 ~ 500Hz (3 axes: X, Y, Z), 1G PTP
Shock	Operating, 40G peak (11m sec.), crash 75G (11m sec.)
Transit Drop	Multiple 3fts drop to bare concrete

Ordering Information

M1256/N270-C22	12.1" Intel Atom™ portable medical PC w/ resistive touch screen
DKS-1256	Docking station (1 x RJ-45/1 x RS-232/3 x USB/ 1 x VGA/1 x charging Bay) w/ VESA-75 holes

All specifications are subject to change without notice.