



M1255

12.1" Intel® Atom™ N270 Portable Tablet PC for Mobile Clinical Assistant



Features

- Healthcare-oriented Security System Applicable
- EN60601-1, EN60601-1-2 Certified
- Redundant Battery (Internal + Hot-swappable External Battery) w/ Long Battery Life (3.5hrs)
- Slip-free Grip for Easy Handling
- Ultra-light (1.6kg with Internal + External Battery)
- Multi-connectivity (Bluetooth/WLAN)
- Integrated 2D Barcode Scanner, 2.0 Megapixel Camera, RFID Reader
- Biometric Fingerprint Validation for Access Control
- Multi-expansion by Docking Station (1 x LAN, 1 x RS-232, 3 x USB, 1 x VGA, 1 x Charging Bay)
- Automatically Lock/Unlock with Biometric Recognition

System

CPU	Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
Graphics Controller	Intel® 945GSE
Memory	1GB DDR2-533 SO-DIMM memory installed
Chipset	Intel® 945GSE + ICH7M
Audio	ALC888 Azalia HD ALC888 Audio Codec
Storage	60GB 1.8" IDE HDD installed
Ethernet	1 x Realtek 8111C-VC-GR PCIe Gigabit Ethernet controller
Wi-Fi	1 x 802.11 b/g/n Mini PCIe Wireless LAN card
Bluetooth	Integrated Bluetooth module
Security	Biometric recognition by fingerprint scanner
Camera	Color, 2.0 Megapixels CMOS Camera
RFID	13.56MHz RFID Reader with ISO 15693 support
USB Port	1 x USB 2.0 port

Button & Indicator

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

LCD Display

Size/Type	12.1" TFT Active Matrix Panel
Max. Resolution	1024 x 768 (XGA) w/ 262,144 colors
Luminance	200 cd/m² (typ.)
Viewing Angle	+70° ~ -70° (H), +55° ~ -70° (V)
Backlight Type	CCFL

Touch Screen

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

Power Supply

Adapter In	100 ~ 240VAC (Full Range)
Adapter Out	19VDC, 3.42A, 65W (Max.)
Battery Type	Li-battery pack
Battery Capacity	Internal 1880mAh 3-cell
	External 1880mAh 4-cell
Battery Operating Time	3.5 hours

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)	1.6 kg (3.5 lb) with internal + external battery
Certification	CE/FCC Class B, CCC, EN60601-1 EN60601-1-2 compliant
IP Rating	Front panel IP54 compliant
Vibration	5 ~ 500Hz (3 axes: X, Y, Z), 1G PTP
Shock	10G peak (11m sec.)

Ordering Information

M1255/N270-C22	12.1 Intel® Atom™ N270 portable medical PC w/ resistive touch screen, 65W power adapter, docking station (1 x RJ-45/1 x RS-232/3 x USB/1 x VGA/1 x charging Bay) w/ VESA-75 holes
BAT-1255	External 1880mAh 4-cell Li-battery