

Orion-1200

12" Intel Atom™ Portable Medical PC with Resistive Touchscreen



◀ **New!!**

Features

- Healthcare-Oriented Security System Applicable
- Redundant Battery (Internal + Hot-Swappable External Battery) w/ Long Battery Life (3.5hrs)
- Slip-Free Grip for Easy Handling
- Ultra-light (1.6kgs with Internal + External Battery)
- Easily Cleaned and Disinfected
- 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, 1.6 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 + Intel ICH7M
Audio	Azalia HD ALC888 audio
Storage	1 x 1.8" IDE HDD 60G installed
Connectivity	1 x Realtek 8111C-VC-GR PCI-E GbE LAN 1 x 802.11 b/g/n Mini PCIe Wireless LAN Card 1 x Bluetooth Module
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	Internal 2000mAh 3-cell Li-battery External 2000mAh 4-cell Li-battery

Switches & Buttons

Function Key	1 x 5-way directional control button for navigation 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 RFID read trigger button 1 x Barcode scan trigger button
LED Indicator	4 LEDs on front panel (Battery/WLAN/Bluetooth/RFID)
Power Button	1 x Power on/off button with indicative LED ring

LCD Display

Size	12.1" TFT Active Matrix Panel
Brightness	200 cd/m2
Max. Resolution	1024 x 768 (XGA) w/ 262144 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. 65w power adapter
Power Consumption	14W (Avg.)

Mechanical & Environmental

Dimension (W x D x H)	307 x 25 x 277 mm (12.09" x 0.98" x 10.91")
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)
EMI/EMC	CE/FCC Class B, CCC compliant
IP Rating	Front panel IP54 compliant
Vibration	5 ~ 500Hz (3 axes: X, Y, Z), 1G PTP
Shock	10G peak (11m Sec.)
Transit Drop	under 2.5ft (76cm)
Weight (Net)	1.6 kg (3.5 lb) with internal + external battery

Ordering Information

Orion-1200	12" Intel Atom™ Portable Medical PC w/ Resistive Touchscreen
DKS-1255	Docking Station (1 x RJ-45/1 x RS-232/3 x USB/1 x VGA/1 x Charging Bay) w/ VESA-75 Holes