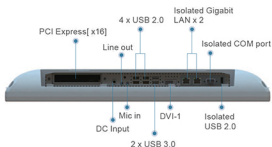
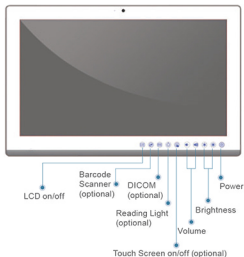


NH-MAT-227S

22" Fanless Smart View Core i7 QM77 Medical Station



Czara Group

Features



- ◆ Intel® Core™ i7 Dual Core LV Processor up to 3.1GHz
- ◆ Intel® QM77 Chipset
- ◆ Supports Dual Channel DDR3 SODIMM up to 8GB
- ◆ 22" Full HD High Contrast MVA LCD with LED Backlight
- ◆ DICOM Compliance (Optional)
- ◆ Capacitive Multi-Touch Screen (Optional)
- ◆ Easy Cleaning Flat Screen
- ◆ 10 Smart Function Keys
- ◆ USB/COM/LAN Medical Isolation
- ◆ High Speed USB 3.0 Ports
- ◆ PCI Express[x16], Mini Card x 2
- ◆ Auto-focus 5.0M Pixels Camera (Optional)
- ◆ +12V to +24V Wide Range DC Input



Specifications

Main Specifications

Processor	Intel® Core i7 Dual Core Low Voltage Processor up to 3.1GHz
System Memory	Supports Dual Channel DDR3 SODIMM up to 8GB
Chipset	Intel QM77
OS Support	Windows® 7, Linux
Remote Management	Intel® Active Management Technology
Expansion Interface	PCI Express[x16] x 1, Mini Card x 2
Storage Disk Drive	Slim DVD-RW Drive x 1(optional) 2.5" SATA Hard Disk Drive/SSD x 1
Security	Smart Card Reader x 1(optional), RFID(optional)
Wireless Communication	802.11b/g/n(optional), Bluetooth 3.0 (optional)
Speaker	5W x 2
Function Key	Audio Volume Up/Down, LCD Brightness Up/Down, LCD On/Off, Touch Screen On/Off, Display Mode(optional), Reading Light On/Off(optional)
Power Requirement	DC 12~24V

Display

Size	22"
Resolution	1920 x 1080
Max. Colors	16.7M
Luminance	300 nits
View Angle	178°(H)/178°(V)
Contrast Ratio	5000:1
Back Light Life Time	50,000 Hours
Touch Screen	Capacitive Multi-Touch

I/O

USB	Isolated USB 2.0 x 1, USB 2.0 x 4, USB 3.0 x 4 (two in rear I/O & two in side I/O)
Serial Port	Isolated RS-232 x 1
Ethernet	Isolated Gigabit LAN x 2
Video Out	DVI-1 x 1
Audio	Mic-in, Line-out

Mechanical and Environmental

Power Consumption	TBD
Operating Temperature	0°C ~ 40°C(32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting	VESA 75/100 mm
Net Weight	TBD

Certifications	CE, FCC Class B Passed, 18, cULUS Mark/UL+VTC Report+ISO 14971 (CAN/CSA-C22.2 NO. 60601-1-08; ANSI/AAMI ES60601-1:2005, EC 60601-1-1:2005, EN 60601-1:2006 ISO 14971)
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