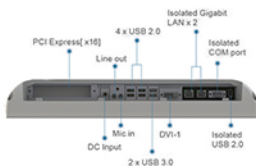


# NH-MAT-197S

## 19" Fanless Smart View Core i7 QM77 Medical Station



### Features

- Intel® Core™ i7 Dual Core LV Processor up to 3.1GHz
- Intel® QM77 Chipset
- Supports Dual Channel DDR3 SODIMM up to 8GB
- 19" SXGA 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	19"
Resolution	1280 x 1024
Max. Colors	16.7M
Luminance	300 nits
View Angle	178° (H)/178° (V)
Contrast Ratio	2000:1
Back Light Life Time	50,000 Hours
Touch Screen	Capacitive Multi-Touch / 5-wire Resistive

#### 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-I 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, eULUS Mark/UL+VTC Report+ISO 14971 (CAN/CSA-C22.2 No. 60601-1-08; ANSI/AAMI ES60601-1-2005; EC 60601-1-2005; EN 60601-1-2005; ISO 14971)
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