

# ONYX-193

## Low Noise Medical Station, 19" LCD with Pentium® M Processor

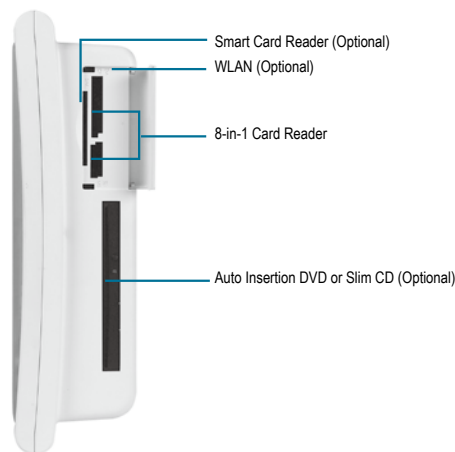
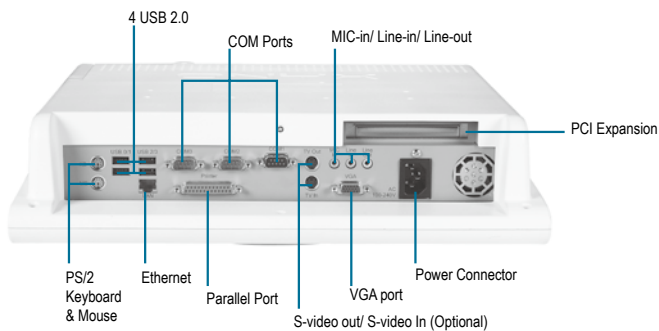


### Features

- 19" True Color High Contrast 300 nits Medical LCD
- Integrated Smart Card Reader Security
- Telemedicine Solution
- Mini PCI Capture Card Supports Non-DICOM To DICOM CAM
- High Performance & Low Power System Solution
- 802.11g Wireless Antenna (Optional)



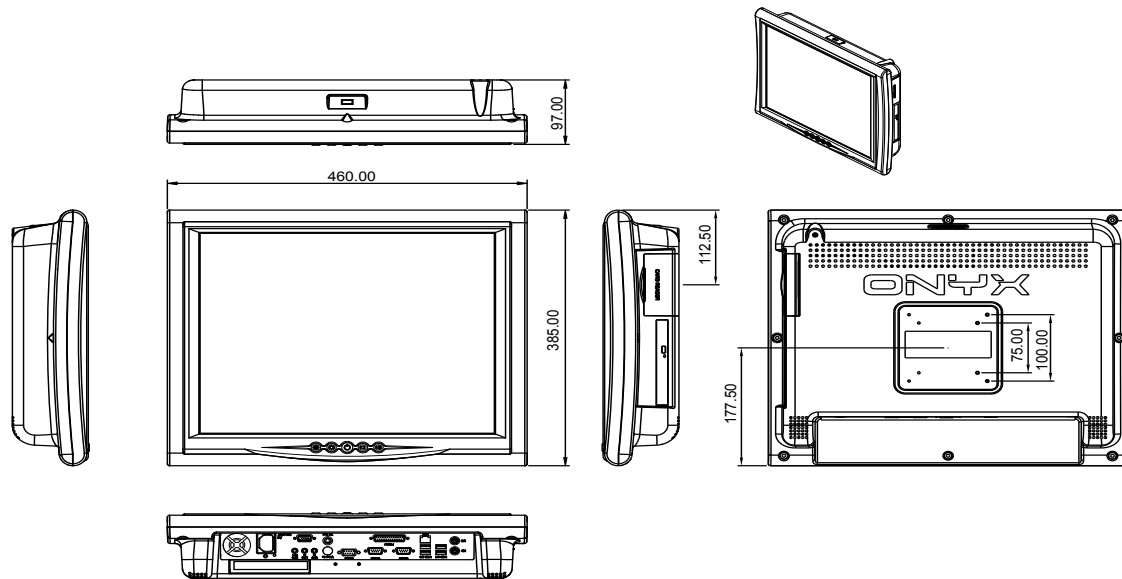
ONYX Series - Medical Station Solutions - Smart Medical Stations



### Specifications

Main Specifications	
Processor	Intel® Pentium® M (up to 2.0 GHz)/ Celeron® M processor
Memory	184-pin DDR SDRAM DIMM x 1, Max. 1GB (DDR-266/333)
OS Support	MS DOS, Windows® 2000, Windows® XP
Expansion Interface	PCI x1, Mini PCI x 1
Storage Disk Drive	Slim DVD/CD x 1 (optional), 2.5" Hard Disk Drive x 1 (optional), 8-in-1 Card Reader x 1, Smart Card Reader x 1 (optional)
Display	
Size	19"
Resolution	1280 x 1024
Max. Colors	16.7M
Luminance	300 nits
Contrast Ratio	550:1
Viewing Angle	140°(H)/ 135°(V)
Back Light MTBF (Hours)	50,000
Touch Screen	Resistive / 2048 x 2048
I/O	
Audio	MIC-in, Line-in, Line-out
USB	External x 5 and internal x 2
Serial port	3 ports: RS-232 x 2, RS-232/422/485 x 1
Ethernet	10/100 Base-TX Ethernet x 1
Parallel port	Printer port x 1
Keyboard & Mouse	PS/2 Keyboard x 1, PS/2 Mouse x 1
Video	S-video out x 1/ S-video in x 1 (optional)
Speaker	Speaker x 2
Mechanical and Environmental	
Power Requirement	AC Model: 115/230 VAC
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Humidity	10% ~ 95% @35°C, non-condensing
Mounting	VESA 75/100
Gross Weight	22.88 lb (10.4 kg)
Net Weight	19.58 lb (8.9 kg)
EMC	CE/FCC Class B, UL 60601-1, EN 60601-1

## Dimension Unit: mm



## Ordering Information

- **TF-ONYX-193HT-A1**  
Medical Station, Pentium® M 1.6GHz, 19" 300 nits TFT, 1P, AC, Card Reader, 1 Mini PCI
- **TF-ONYX-193HT-A2**  
Medical Station, Celeron® M 1.3GHz, 19" 300 nits TFT, 1P, AC, Card Reader, 1 Mini PCI
- **TF-ONYX-193HTT-A1**  
TF-ONYX-193HT-A1 w/Resistive TouchScreen
- **TF-ONYX-193HTT-A2**  
TF-ONYX-193HT-A2 w/Resistive TouchScreen

## Optional Accessories

- **184-pin DDR SDRAM**
- **TF-PER-M21**  
Smart Card reader kit
- **TF-PER-M22**  
8-in-1 Card reader kit
- **TF-PER-M00**  
Slim Auto Insertion DVD ROM, 8X, COMBO, White color
- **TF-PER-M03**  
Slim Auto Insertion DVD-RW, White color
- **TF-PER-M07**  
Mini-PCI Capture card
- **TF-PER-M02**  
PCI TV tuner, Capture Card
- **TF-PER-M08**  
Barcode Scanner, 500 scans per second
- **TF-PER-M05**  
USB Web CAM, 1.3M pixels
- **TF-PER-M04**  
USB Skype phone
- **TF-PER-M01**  
Bluetooth 2.0 + EDR USB Module
- **TF-PER-M17**  
USB Finger printer
- **9741666646**  
Wireless LAN Kit
- **TF-PER-M13**  
Medical Adapter, 24V 100W
- **PER-M20**  
Desktop Stand with VESA 75/100, Cool gray 3C
- **PER-M19**  
3-level trolley