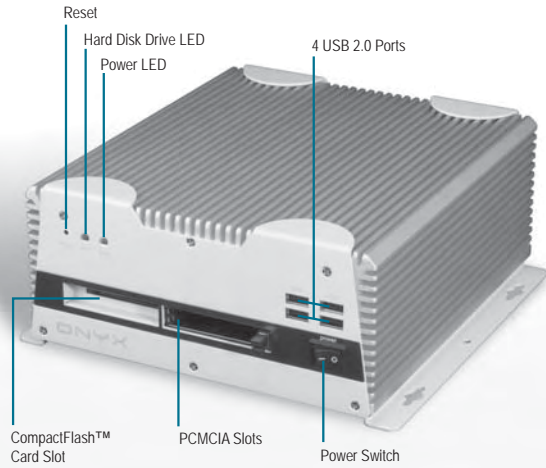


# ONYX-6910

## Medical Fanless Mini PC with Intel® Pentium® M/ Celeron® M Processors and PCI Expansion

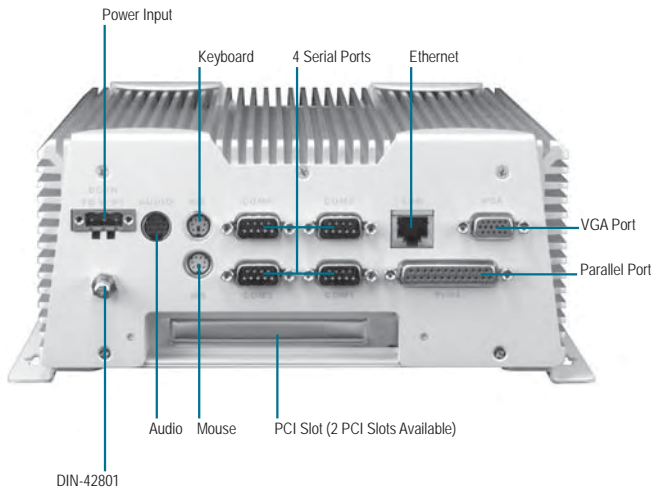


### Features

- Fanless, Zero Noise and Long Life Guaranteed
- Medical Grade FCC, CE, UL, EN Approval
- Intel® Pentium® M (up to 2.0GHz)/ Celeron® M Processors
- 1 PCI (Optional 2<sup>nd</sup> PCI)/ 2 PCMCIA Slots
- Ethernet/ 4 COM/ 4 USB/ Audio/ Parallel/ CFD
- High Speed IEEE-1394 Interface (Optional)
- 3D Graphic Support for Image/ Media



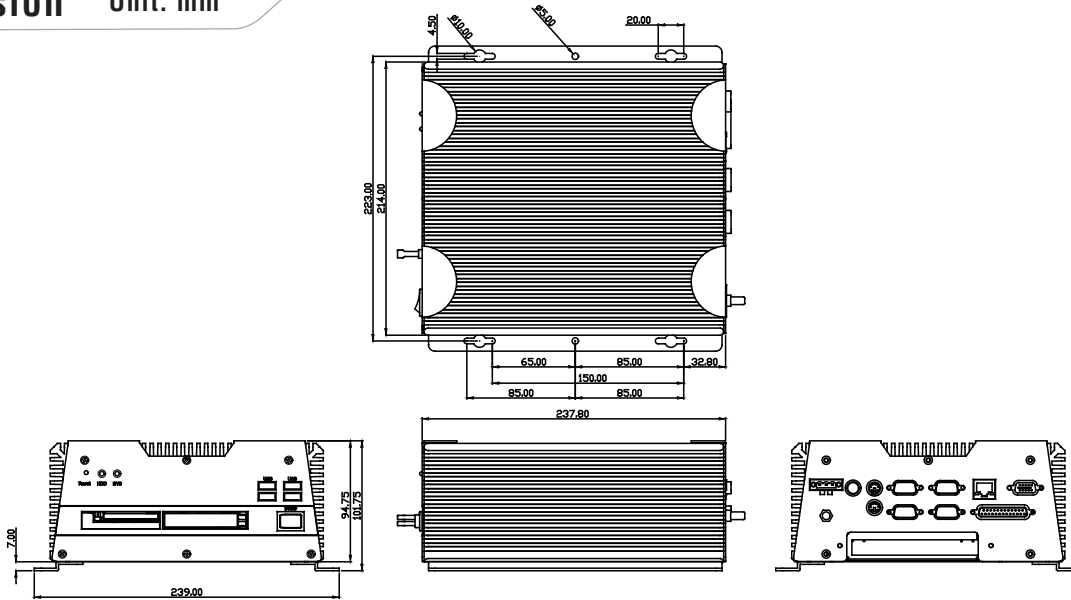
ONYX Series - Medical Fanless Mini PC



### Specifications

| System                |   |
|-----------------------|---|
| Processor             | Intel® Pentium® M (up to 2.0GHz)/ Celeron® M Processor                              |
| System Memory         | DDR SDRAM DIMM x 1, Max. 1 GB   |
| Expansion             | PCI x 1 (Optional 2nd PCI), PCMCIA slot x 2   |
| 3D Graphic            | nVIDIA FX-5200/ 256MB (Optional)  |
| VGA/ Keyboard/ Mouse  | DB-15 VGA Connector, PS/2 Keyboard & Mouse  |
| Ethernet              | 10/100Base-TX RJ-45 connector x 1   |
| Solid Storage Disk    | Type II CompactFlash™ slot x 1  |
| Hard Disk Storage     | 2.5" Slim Hard Disk Drive Bay   |
| Serial Port, I/O      | RS-232 x 3, RS-232/422/485 x 1, IEEE-1394 (Optional)                                |
| Earth Protection      | DIN-42801   |
| Audio                 | Mic-in/ Line-in/ Line-out, requires extension cable                                 |
| USB                   | USB 2.0 port x 4  |
| Parallel Port         | Printer port x 1  |
| System Control        | Power On/Off switch x 1, Reset button x 1   |
| LED Indicator         | Power LED x 1, Hard Disk Drive active LED x 1                                       |
| Watchdog Timer        | Generates a time-out system reset, setting via software                             |
| Power Supply          | 1. DC Input: Internal DC-DC Converter<br>Input voltage: 9V DC ~ 30V DC              |
|                       | 2. AC Input: External Power Adapter<br>Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz |
| OS Support            | Windows® XP, Windows® 2000, Windows® XP Embedded                                    |
| Mechanical            |   |
| Construction          | Rugged Aluminum Alloy chassis   |
| Color                 | White   |
| Mounting              | Wallmount, Desk-top   |
| Dimension             | 8.4"(W) x 3.7"(H) x 9.4"(D) - 1 PCI<br>(214mm x 94.8mm x 237.8mm)                   |
|                       | 8.4"(W) x 4.6"(H) x 9.4"(D) - 2 PCI<br>(214mm x 117.5mm x 237.8mm)                  |
| Carton Dimension      | 13.2"(W) x 11.6"(H) x 10.2"(D)<br>(336mm x 294mm x 260mm)                           |
| Net Weight            | 12.4 lb (5.63kg) - 1 PCI  |
|                       | 13.7 lb (6.21kg) - 2 PCI  |
| Environmental         |   |
| Operating Temperature | 5°F ~ 131°F (-15°C ~ 55°C) (P-M 1.6GHz, CFD)  |
|                       | 5°F ~ 122°F (-15°C ~ 50°C) (P-M 1.6GHz, Automotive Hard Disk Drive)                 |
|                       | 5°F ~ 113°F (-15°C ~ 45°C) (P-M 1.6GHz, Normal Hard Disk Drive)                     |
| Operating Humidity    | 5~95%@40°C, non-condensing  |
| Vibration             | 3 grms/ 5 ~ 500Hz/ random operation (CFD)   |
|                       | 1 grms/ 5 ~ 500Hz/ random operation (Internal Hard Disk Drive active Module)        |
| Shock                 | 50 g peak acceleration (11 msec. duration) (CFD)                                    |
|                       | 20 g peak acceleration (11 msec. duration) (Hard Disk Drive Module)                 |
| EMC                   | CE/FCC class B, UL 60601-1, EN-60601-1  |

## Dimension Unit: mm



## Ordering Information

- **TF-ONYX-6910-A1**  
Medical Mini PC, Intel® Pentium® M 1.6GHz CPU, Fanless, DC 9-30V, 1 PCI, 512MB RAM
- **TF-ONYX-6910-A2**  
Medical Mini PC, Intel® Celeron® M 1.3GHz CPU, Fanless, DC 9-30V, 1 PCI, 256MB RAM
- **TF-ONYX-6910-A3**  
Medical Mini PC, Intel® Pentium® M 2.0GHz CPU, Fanless, DC 9-30V, 1 PCI, 512MB RAM
- **TF-ONYX-6910-B1**  
Medical Mini PC, Intel® Pentium® M 1.6GHz CPU, Fanless, DC 9-30V, 2 PCI, 512MB RAM
- **TF-ONYX-6910-B2**  
Medical Mini PC, Intel® Celeron® M 1.3GHz CPU, Fanless, DC 9-30V, 2 PCI, 256MB RAM
- **TF-ONYX-6910-B3**  
Medical Mini PC, Intel® Pentium® M 2.0GHz CPU, Fanless, DC 9-30V, 2 PCI, 512MB RAM

## Optional Accessories

- **184-pin DDR SDRAM**
- **TF-PER-M12**  
Medical Adapter, 24V 100W
- **1702031803**  
Power Cord (European type)
- **1702031802**  
Power Cord (US type)
- **170203180E**  
Power Cord (PSE type)
- **TF-PER-M06**  
PCI Graphic Card, GeForce FX5200
- **PER-M16**  
IEEE 1394 module
- **PER-M19**  
3-level trolley