

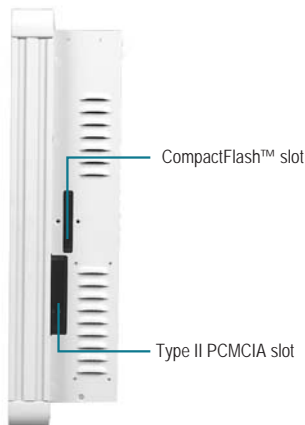
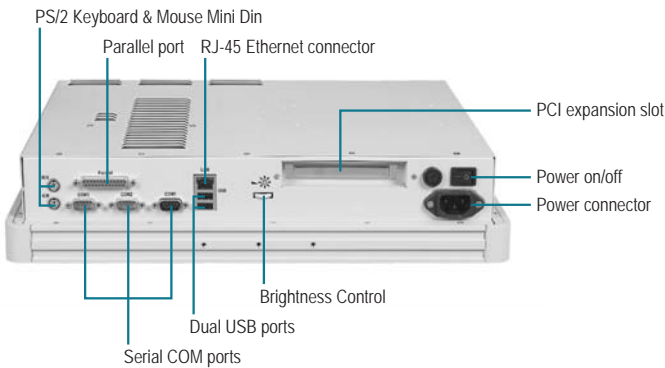
# ONYX-152

Industrial Computing Platform Partner

## VIA Eden™ CPU based Medical Station with 15" TFT LCD



CD-ROM & Floppy Disk Drive drive



### Features

- 15" TFT XGA (1024 x 768) LCD
- Onboard VIA Eden™ 667MHz Fanless CPU System Memory Up to 512 DRAM
- Medical Certification: EN 60601-1, UL 2601-1
- Disk Drive Bay for Slim CD-ROM, Slim Floppy Disk Drive and 2.5" Hard Disk Drive
- Supports CompactFlash™ and PCMCIA Expansion Slots
- Desktop, Swivel Arm, Wallmount

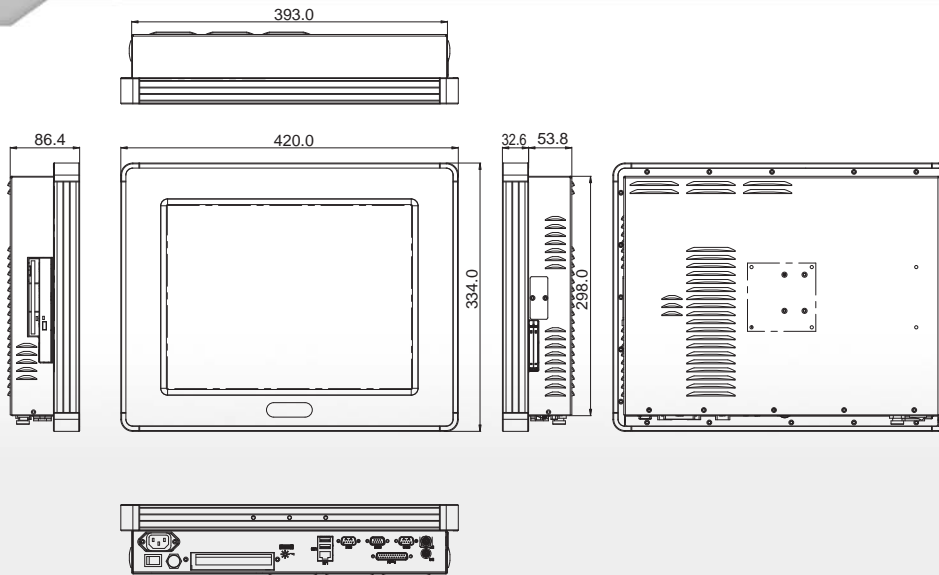


### Specifications

System	
CPU	VIA Eden™ 667 MHz CPU with FSB 66/100/133 MHz
Memory	Supports up to 512 MB SDRAM
LCD/CRT Controller	VIA8656 UMA supports up to 32MB display memory CRT & LCD panel support
Ethernet	Realtek RTL 8139C, 10/100 Base-Tx RJ-45 connector x 1
I/O Port	3 serial ports: 2 x RS-232, 1 x RS-232/422/485 1 parallel port (supports ECP/EPP) 1 PS/2 mouse and keyboard port
Storage Disk Drive	2.5" Hard Disk Drive, Slim Floppy Disk Drive, Slim CD-ROM
USB Connector	Dual USB ports
Power Supply	Universal 65W Medical Class switching power supply / 70W DC power supply
OS Support	Windows NT4.0, Windows 2000, Linux 8.0, Windows XP
Mechanical	
Construction	Die casting aluminum alloy
Front Panel Color	PMS 408C
Mounting	Desktop, tilting, desktop, and swivel arm
Dimension	16.5" (W) x 13.1" (H) x 3.4" (D) (420mm x 334mm x 87mm)
Carton Dimension	21.9" (W) x 20.3" (H) x 13.2" (D) (556mm x 516mm x 335mm)
Gross Weight	24.25lb (11Kg)
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Humidity	30 to 75% @ 40°C, non-condensing
Vibration	5-500Hz, 0.15mm 10 cycles 1G
Shock	15G peak acceleration (11 msec. duration)
EMC	CE/FCC Class B
Safety	UL 2601-1, EN 60601-1-1

## Dimension

Unit: mm



Power Supply	
AC Model	Input: 100 ~ 240V AC Full Range, 47 ~ 60Hz Output: +5V@5A, +12V@2.3A, -12V@0.5A
DC Model	Input: +10VDC ~ +30VDC Output: +5V@10A, +12V@1.5A, -12V@0.3A
LCD	
Display Type	15" color TFT LCD
Max. Resolution	1024 x 768
Max. Colors	262K
Dot Size	0.297mm x 0.297mm
Luminance	250 cd/m <sup>2</sup> (TYP.)
Viewing Angle	150° (H) 140° (V)
Brightness Control	Yes
Back Light MTBF	30,000 hrs
Touchscreen (optional)	
Type	8-wire, analog resistive
Resolution	2048 x 2048
Light Transmission	>75%
Lifetime	1 million activations
OS Support	Windows® 2000, Linux 8.0, Windows® XP

## Ordering Information

- **Onyx-152-A1**  
Medical PC, 15" TFT, Eden 667, AC PS, CD-ROM, Floppy Disk Drive
- **Onyx-152-A2**  
Medical PC, 15" TFT, Eden 667, DC PS, CD-ROM, Floppy Disk Drive
- **Onyx-152T-A1**  
Onyx-152-A1 with Resistive Touchscreen
- **Onyx-152T-A2**  
Onyx-152-A2 with Resistive Touchscreen

## Optional Accessories

- **ARM-LA0115**  
Swivel Arm with VESA 75/100 mm Standards
- **ARM-WK075-0**  
Wallmount Kit with VESA 75/100 mm Standards
- **STAND-158D00**  
Desktop Stand with VESA 75 mm Standards
- **STAND-8150B0**  
Desktop Stand with VESA 100mm Standards

7  
Medical Station  
Solutions -  
ONYX Series

2  
Fanless Operator  
Panel Solutions -  
OMNI Series

3  
Robust Panel  
PC Solutions

4  
Industrial  
Workstation  
Solutions

5  
Industrial  
Monitor  
Solutions

6  
Embedded  
Control PC -  
BOXER Series

7  
Accessory  
Sunreadable  
LCD Monitors

8  
Common  
Accessories