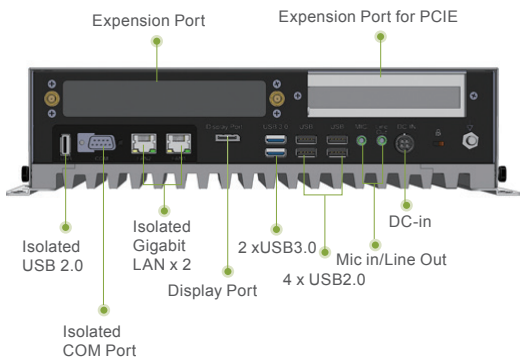


# Onyx MEDPC Series - Medical Equipment & OEM/ODM

## MEDPC-5800

Fanless Medical Grade Box PC with Dual Core i7 Processor



### Features

- Intel® Dual Core i7 Processor
- Multiple display output supports versatile dual display function (optional)
- Easy clean design (fanless/no airhole)
- Top cover with IPX1 waterproof protection
- PCI express [\*16], mini card \*2
- High speed USB3.0 ports
- Isolated I/O interface (COM, USB, LAN)
- CE / FCC Class B Passed 18, IEC 60601-1-1:2005, EN 60601-1:2006

### Application

- HIS, LIS, RIS
- Pharmaceutical industry
- Biotech lab
- Signage in hospitals
- Equipment control

### Specifications

#### Main Specifications

Processor	Intel® Dual Core i7-3555LE Dual Core up to 3.1GHz Intel® Dual Core i3-3217UE Dual Core 1.6GHz Intel® Celeron 847E Dual Core 1.1GHz
System Memory	Supports dual channel DDR3 SODIMM up to 16GB
Chipset	Intel® QM77
OS Support	Windows® 7, Windows® 8, Windows®10, Linux®
Remote Management	Intel® Active Management Technology
Expansion Interface	PCI Express[1 x16] x 1(optional) , mini card x 2
Storage Disk Drive	2.5" SATA (SSD only)
Wireless Communication	802.11b/g/n (optional), Bluetooth 3.0HS & 4.0 (optional)
Power Requirement	DC12 ~ 24V

#### I/O

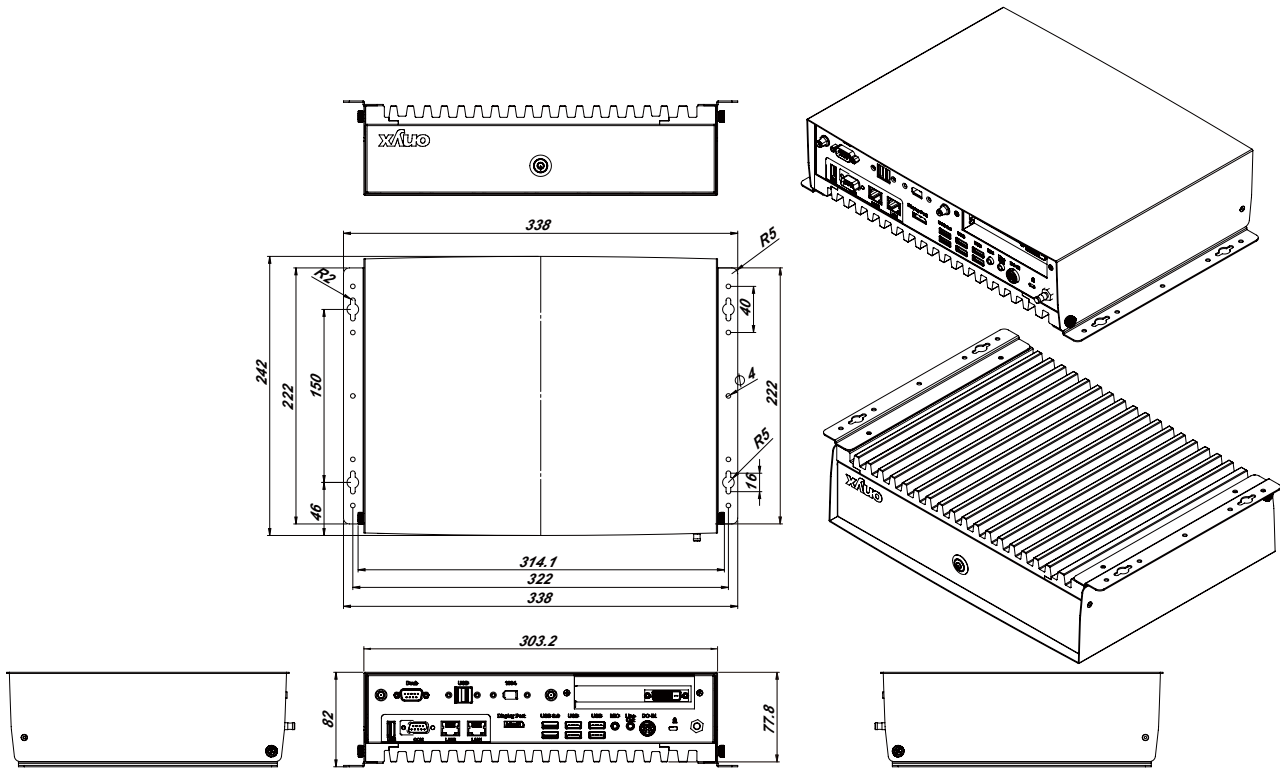
USB	4KV Isolated USB2.0 x 1, USB 2.0 x 4, USB 3.0 x 2
Serial Port	4KV Isolated RS-232 x 1
Ethernet	4KV Isolated Gigabit LAN x 2
Serial Port	Display port x 1, support resolution up to 2560 x 1600
Audio	Mic-in, Line-out

#### Mechanical and Environmental

Power Consumption	Full loading: 71.10Watts
Power Requirement	Full loading: 60Watts
Operating Temperature	0°C ~ 30°C(32°F ~ 86°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Net Weight	5.2kg (11.46lb)
Gross weight	6.7kg (14.77lb)
Dimension	338 x 242 x 82 mm
Package Dimension (W x D x H)	400 x 210 x 410 mm
Certification	CE/ FCC Class B Passed 18, IEC 60601-1-1:2005, EN 60601-1:2006, ISO 14971:2007

## Fanless Medical Grade Box PC with Dual Core i7 Processor

### Dimension / Unit: mm



### Ordering Information

- |  |  |
|--|--|
| » MEDPC-5800-A1-1010<br>MedPC.Intel i7-3555LE.Fanless. DC12~24V.4GB RAM    | » MEDPC-5800-A2-1010<br>MedPC.Intel i7-3555LE.Fanless. DC12~24V.8GB RAM    |
| » MEDPC-5800-A1-1020<br>MedPC.Intel i3-3217UE.Fanless. DC12~24V.4GB RAM    | » MEDPC-5800-A2-1020<br>MedPC.Intel i3-3217UE.Fanless. DC12~24V.8GB RAM    |
| » MEDPC-5800-A1-1030<br>MedPC.Intel Celeron 487E.Fanless. DC12~24V.4GB RAM | » MEDPC-5800-A2-1030<br>MedPC.Intel Celeron 487E.Fanless. DC12~24V.8GB RAM |

### Optional Accessories

- » 1757213000  
Medical Power Adapter, 130W, 24V
- » OPM-C06W-A1  
WLAN Kit.802.11a/b/g/n w/BT 4.0.Mini Card.dual white ext. antenna.Atheros AR5B22
- » OPM-V00T-A1  
1 VGA, 1 DP, 1 Firewire kit for MEDPC-5800
- » OPM-V00T-A2  
1DP, 1 port 1394A, 2 port 1394B Kit for MEDPC-5800
- » OPM-V00T-A3  
2 com, 2 USB 2.0 kit for MEDPC-5800
- » OPM-V00T-A4  
PCIE riser card kit for MEDPC-5800