

# VESA PC Fanless, Ultra Slim, VESA Mounting

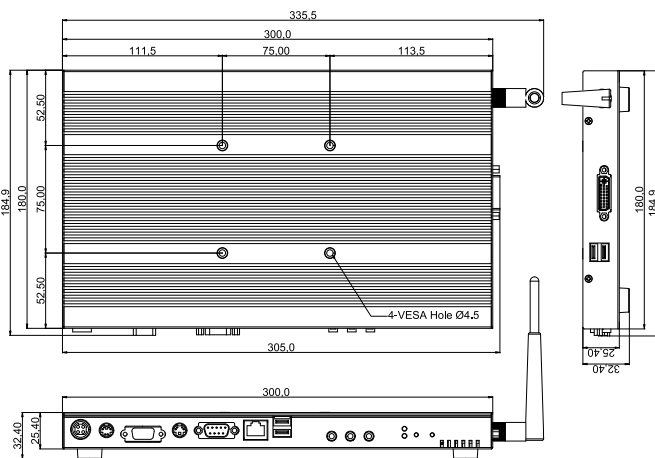
VESA PC - V270SB7-301  
VIA C7-M Fanless PCs

V270SB7-301 with Dual display (DVI / VGA / S-Video), One Serial , Four USB and One GigaLAN

## V270SB7-301



V270SB7-301

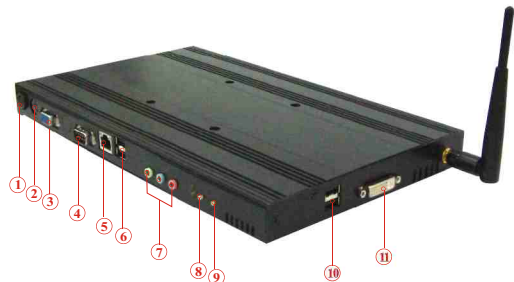


Measurements shown in mm  
All Dimensions are ± 0.5 mm

### Features:

- Ultra-Slim Size: Only One inch Thickness (25.4mm)
- Fanless Solution, VIA C7-M ULV 1.2GHz / 1.6GHz
- One SO-DIMM DDR2 Slot, up to 1GB DDR2-533
- Support Dual display function, 1 x DVI-D, 1 x VGA,
- 1 x S-Video (Max per/resolution: 1600x1200)
- Multiple I/Os, One Serial Port and Four USB Ports
- VESA Mounting (75 x 75, 100 x 100 mm)
- Optional: 802.11b/g Wireless and Bluetooth 2.1

Easy to convert a standard LCD monitor into an embedded PC.



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|------------------------|--------------------|-----------------------|
| 1. Power Jack          | 5. RJ-45           | 9. Power Reset Button |
| 2. PS/2                | 6. USB             | 10. USB               |
| 3. VGA Conn.           | 7. Audio Jack      | 11. DVI-D Conn.       |
| 4. RS232/422/485 Conn. | 8. Power on Button |                       |

\* Note: this is a simplified drawing and some components are not marked in detail.  
Please contact our sales representative if you need further product information.

### System Specification

- Processor** : Onboard VIA C7-M ULV Nano BGA 1.2GHz / 1.6GHz  
**BIOS** : AMI 8Mbit Flash  
**System Chipset** : All in one VIA VX700 Chipset  
**System Memory** : 1 x SODIMM DDR2 slot , up to 1GB  
**Graphic Chipset** : Integrated UniChrome Pro II Graphics Engine,  
128MB Shared memory  
**Ethernet** : Integrated Realtek RTL8110S Chipset, Gigabit Ethernet  
**Audio** : VT1708 A High Definition Audio Controller  
**USB** : 4 x USB ports, USB 2.0 compliant  
**Serial** : 1 x RS232/422/485 ports  
**Expansion Slot** : 1 x Mini - PCI (inside)

### Mechanical Specification

- Construction** : Aluminum housing  
**Mouting** : VESA Mounting (Default : 75 x 75 mm,  
Optional: 100 x 100 mm)  
**Dimension** : 180 x 300 x 25.4mm (W x H x D)

### Power Supply

- Power Input** : +12V DC-IN (Lockable, Power Jack)  
**Power Requirement** : +12V / 2A(Typical)

### Environmental Specification

- Operation Temperature** : 0~ 45°C  
**Operating Humidity** : 30% ~ 90%(non-condensing, RH)

### I/O Connectors

- Rear I/Os** : 1 x PS/2  
1 x VGA Conn  
1 x S-Video Conn(Optional)  
1 x RS-232/422/485 Conn  
1 x RJ-45(10/100/1000 Mbps)  
2 x USB Conn  
1 x Line in/Line out/Mic in  
1 x Power on Button  
1 x Power Reset
- Right side I/Os** : 1 x DVI-D Conn.  
2 x USB Conn

### Packing List

- 1 x V270SB7-301 VESA PC
- 1 x Driver Utility CD
- 1 x V270 SBC User Manual
- 1 x V270SB7-301 User Guide
- 1 x VESAMounting Kits

### Options

- Bluetooth** : Bluetooth 2.1 compliant module  
**Wireless LAN** : 802.11b/g Wireless LAN module