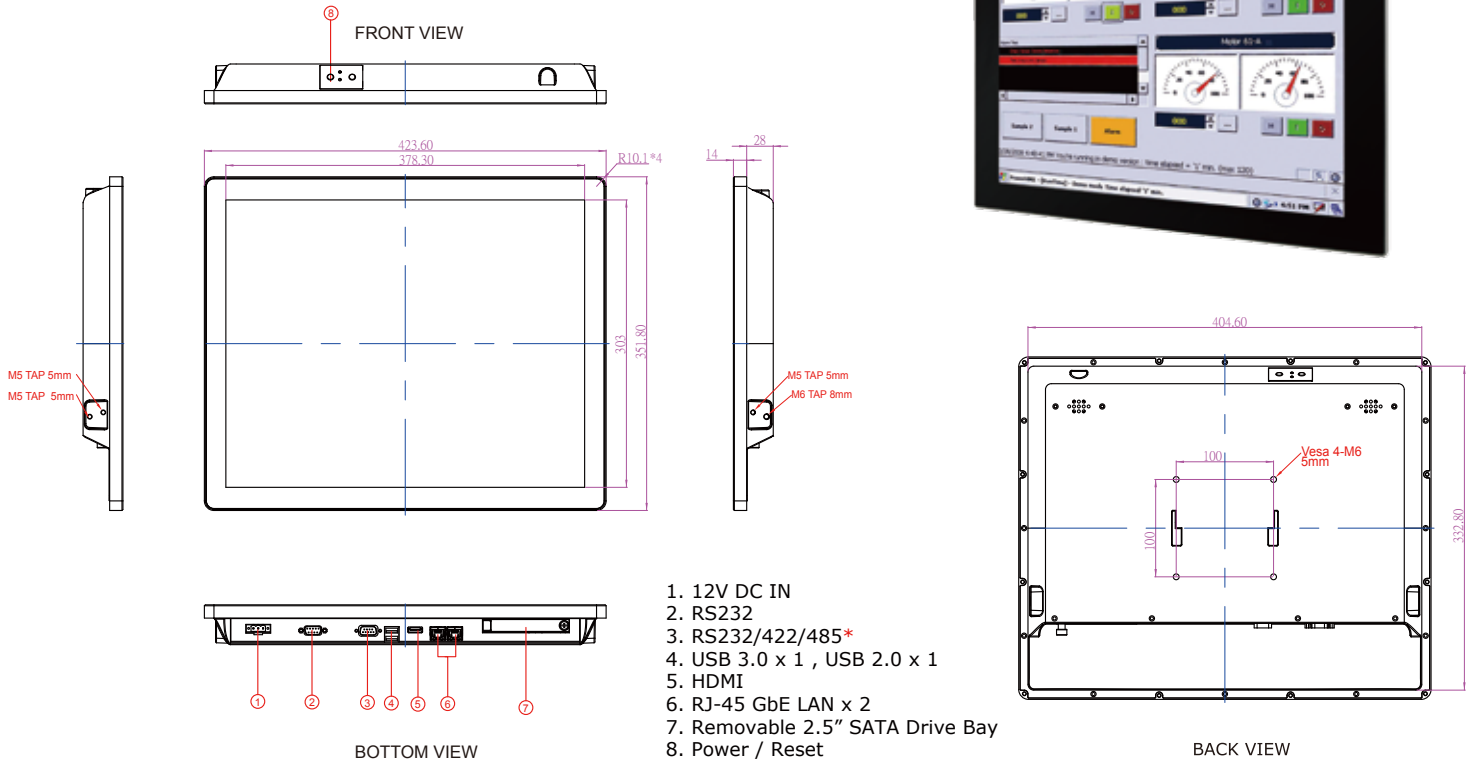


# 19" Flat Panel PC - R19IB3S-PCM1

## Mechanical Design

- 19" 1280 x 1024 Resolution with P-Cap Multi-touch Screen
- Low-Power System with Intel® Celeron® N2930 Processor
- Fanless Cooling System and Ultra-low Power Consumption
- Removable 2.5" SATA Drive Bay
- Front IP 66 Water and Dust Proof



\* Default RS232

## Specifications

### System :

- Processor : Intel® Celeron® Bay Trail-M N2930 1.83GHz
- System Chipset : Intel® ATOM SoC Integrated
- System Memory : 4GB DDR3L-1600 SODIMM, Max 8GB
- Storage : 500GB 2.5" SATA III HDD (Removable)
- Second Storage : 32/64/128GB mSATA SSD (Optional)
- LAN : Dual Intel® WG82574L GbE LAN

### Input / Output :

- Serial Ports : 1 x RS232, 1 x RS232/422/485\*
  - USB Ports : 1 x USB 3.0  
1 x USB 2.0
  - Ethernet : 2 x RJ 45-10/100/1000 Mbps
  - HDMI : 1 x HDMI Out
- \* Default RS232

### Display Spec :

- Size/Type : 19.0" TFT
- Resolutions : 1280x1024
- Brightness : 250cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -85~85(H); -80~80(V)
- Max Colors : 16.7M
- Touch : Projective-Capacitive Touch (up to 4 points)  
ELO Resistive 5 Wire Touch (Optional)

### Power Specifications :

- Power Input : 12V DC IN

### Mechanical Specification :

- Cooling System : Fanless design
- Mounting : VESA Mount(100x100mm)
- Dimension (W x H x D) : 423.60 x 351.80 x 42 (mm)

### Environment Considerations :

- Operating Temperature : -10deg.C to 50deg.C
- Operating Humidity : 10% to 95% (non condensing)

### Security Support :

- Trusted Platform Module (TPM 1.2)

### OS/BIOS Driver Support :

- Optional Operating System : Windows Embedded Standard 7  
Windows 7 Pro for embedded Systems  
Windows Embedded 8 Standard  
Windows Embedded 8.1 Industry Pro

### Accessories :

- External Adapter : 110~230V AC-in Power Adapter



Rev.	Reasons	Revised Date
1.0	new release	Apr-17-2015

Note: All Specifications are subject to change without prior notice!

Revised Date:04/17/2015