38" Bar-Type Chassis Panel PC - W38IB3S-CHA1
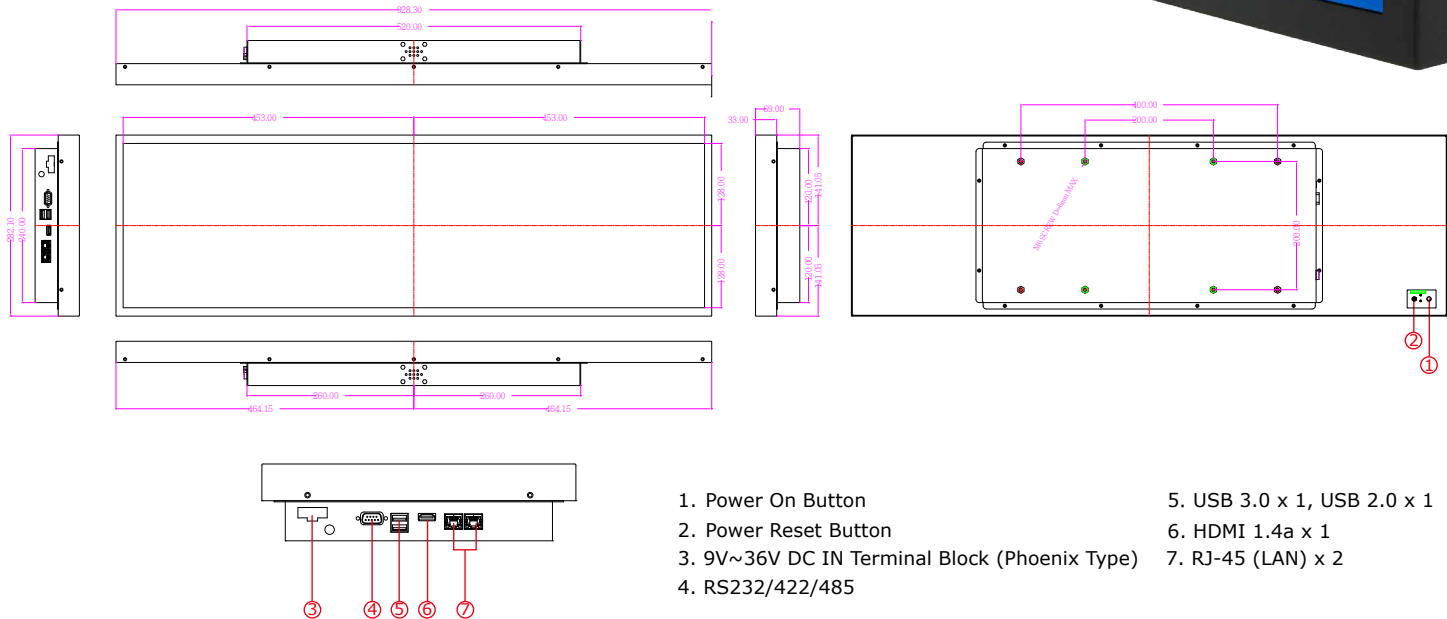
- 38" 1920 x 540 Resolution with high brightness and wide aspect ratio screen
- Low-Power system with Intel Celeron N2930 processor
- Fanless cooling system and Ultra-low power consumption
- Digital Signage, Public Transportation, Exhibition Hall, Department store, and Vending Machine
- Front IP54 Water and Dust Proof (with optional glass)
- Default with Windows Embedded Standard 7

1. Power On Button
2. Power Reset Button
3. 9V~36V DC IN Terminal Block (Phoenix Type)
4. RS232/422/485

5. USB 3.0 x 1, USB 2.0 x 1
6. HDMI 1.4a x 1
7. RJ-45 (LAN) x 2

Specifications

System :

- Processor : Intel® Celeron N2930 1.83GHz
- System Chipset : Intel® ATOM SoC Integrated
- System Memory : SODIMM DDR3L 1600 MHz Slot, Max 8GB
- Storage : 64GB mSATA SSD
- LAN : Intel® I210-AT GbE LAN x 2

Input / Output :

- Serial Ports : 1 x RS232/422/485
- USB Ports : 1 x USB 2.0, 1 x USB 3.0
- Ethernet : 2 x RJ 45-10/100/1000 Mbps
- HDMI : 1 x HDMI 1.4a

Display Spec :

- Size/Type : 38" Widescreen (16:3)
- Resolutions : 1920x540
- Brightness : 1000 nits
- Contrast Ratio : 4000 : 1 (typ.)
- Viewing Angle : -89~89(H);-89~89(V)
- Max Colors : 16.7M

Power Specifications :

- Power Input : 9V~36V DC IN Terminal Block (Phoenix Type)

- Cooling System : Fanless design
- Mounting : VESA Mount (400x200/200x200mm)
- Dimension (W x H x D) : 928.3x282.1x69(mm)

Environment Considerations :

- Operating Temperature : 0 deg.C to 50deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP Driver Support :

- Operation System* : Windows Embedded Std.7-WS7E (default)
  Windows 7 Professional Embedded (Optional)
  Windows Embedded 8.1 Industry Pro
  Windows 10 IoT Enterprise

Options

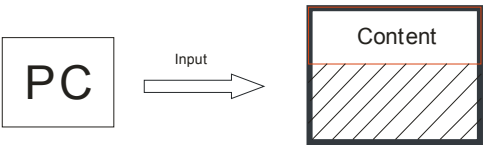- 3mm Glass (Anti-reflective)

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Default resolution is 1920 x 540

Resolution: 1920x540 (at 1:1 mode)

* The monitor resolution is set to be fixed at 1920x540.
* If you change the PC resolution to other mode, it will not show the proper image. You will need to re-boot PC in order to let the resolution back to 1920x540.

Do not adjust the PC resolution

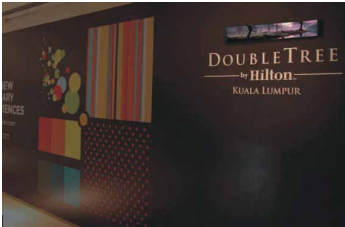Monitor resolution is at 1920x540

Please use Windows 7 as your operating system

If your OS is not Windows 7, the displayed content will always be one third of the desktop screen on the top.

PC → Input →

Content

Application

Restaurant

Hotel Lobby

Department Store

Retail Store