

# Panel PC

## PCH-42WP-CP

42" LCD (LED backlight) Panel PC w/Intel Apollolake platform



### Specification

#### System Specification

- CPU : Intel® Celeron® N3350 up to 2.3 GHz
- Memory : DDR3L 1867MHz So-DIMM 4GB (max. 8GB)
- Storage : mSATA SSD 64 GB
- Graphic : Integrated Intel® Gen9 HD Graphics
- Ethernet : Dual Intel® I210-AT
- BIOS : AMI 16 MB Flash
- Audio : Realtek ALC886 HD Audio Codec
- Housing : Heavy duty aluminum bezel / heavy duty metal
- COM ports : Total 4 x COM ports (2x COM can be RS232/422/485)
- GPIO : 8-bit GPIO (optional)
- Button : 1 x AC In On/Off switch (I/O)  
1 x Power On/Off, 1 x Reset (rear)

#### I/O interface:

- Serial Ports : 1 x RS232,
- USB Ports : 2 x USB 3.0, 2 x USB 2.0
- Ethernet : 2 x RJ45 GbE LAN
- Power : 100~240V AC Input
- VGA : N/A
- HDMI : 1 x HDMI output

#### Panel Specification :

- Size/ Type : 42" LCD (LED backlight)
- Active Area (mm) : 930.25 (H) x 523.01 (V)
- Pixel Pitch (mm) : 0.4845 (H)x0.4845 (V)
- Resolution : 1920 x 1080 @ 60Hz
- Contrast Ratio : 2500 : 1 (typ.)
- Max. Colors : 16.7M colors
- Brightness : 400 nits (cd/m<sup>2</sup>)
- Viewing Angle : -85 ~ 85 (H); -80 ~ 80 (V)

#### Power Specification:

- Input voltage : 110~ 240V AC Input
- Consumption : 180 W typical, normal operation
- Management : VESA DPMS compliant
- Power Cord : 1 x 1.5m power cord

#### OSD :

- Control Button : 1 x Power On/Off, 1 x Reset
- LED Indicator : 1 x Power LED, 1 x Storage LED indicator

#### Environment Tolerance:

- Operating Temperature : 0 deg. C to 55 deg. C
- Storage Temperature : -20 deg. C to 70 deg. C
- Water/Dust proof : Front IP65
- Vibration : 5Hz~500Hz / 1Grms/3 Axis

### Drawings

