



HPC-156 Series

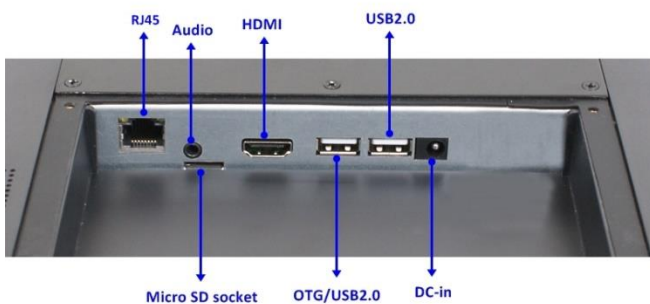
15.6" TFT Fanless Panel Computer with Rockchip® ARM Cortex RK3288 1.8GHz Quad Cores Processor

1. 15.6" 250 nits TFT LCD with LED backlight
2. Onboard 1333/2GB DDR3L DRAM
3. Onboard 8G Flash ROM
4. Support Android 5.1/9.0 or Debian 9.0
5. Front IP65 for protection against water and dust
6. HPC-156: 12V DC-in
7. HPC-P156: Support PoE input

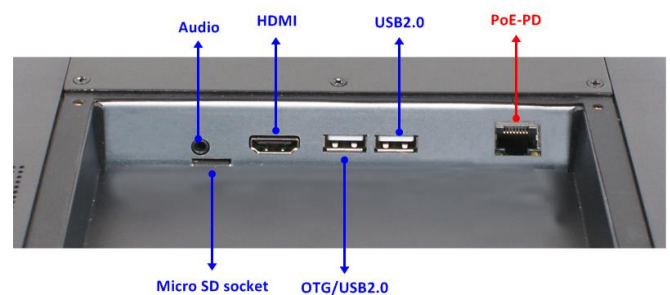


I/O Diagram

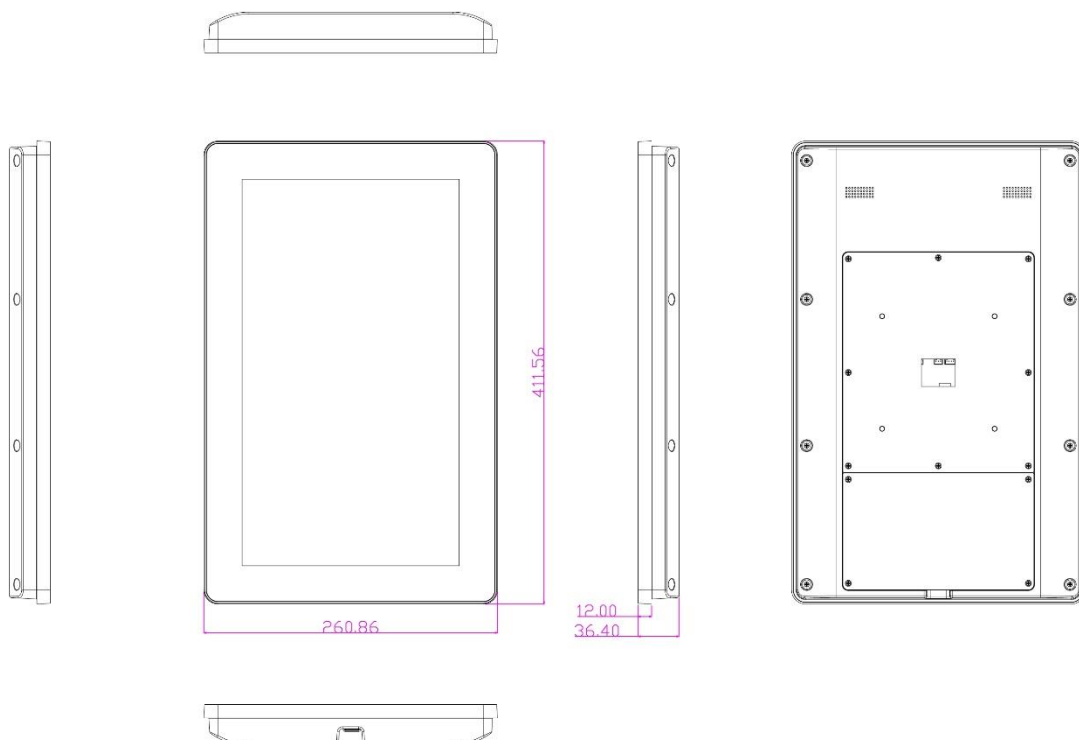
HPC-156



HPC-P156



Mechanical Drawings (Unit = mm)



Specifications

Display

- IP65, NEMA 4 rugged protection, metal front bezel
- 15.6" With LED Backlight
- 250 nits Brightness (cd/m²)
- 262K display color
- 1920 x 1080 @ 60Hz resolution
- 170°/170° viewing angle (H/V)
- 0. 17925 x 0. 17925mm pixel pitch
- 16:9 aspect ratio
- 800:1 contrast ratio
- 35ms response time

Case

- Plastic panel
- Plastic and Iron case
- Black color
- Spray paint coating requirement

Expansion

- 1* Micro SD socket

I/O Connector

- 2* USB2.0 (USB1 Co-lay OTG)
- 1* HDMI 1.4
- 1* AUDIO(Line-out +MIC)
- 1* Micro SD Socket
- HPC-156: 1* RJ45, 1* DC jack
- HPC-P156: 1* PoE PD

Power Consumption

- 18W

Compliance

CE, FCC, IP65(Front)-Option

Temperature

- Operating: -10°C ~ 50°C
- Storage: -20°C ~ 60°C

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Touch Screen

- Projected capacitive type
- 372.0 x 244.5 ± 0.2mm active range
- Transparency ≥ 85%
- Surface Hardness ≥ 6H (ASTM D3363, pressure 1N/45°)
- Glass haze value ≤ 3%

Main System

- Rockchip® ARM Cortex A17 1.8GHz/QC processor
- Onboard 1333/2GB DDR3L DRAM
- Onboard 8G Flash ROM
- Watchdog Timer 256 levels, 0~255 sec.
- Speaker: 2* 2W/8Ohm
- Camera: 1* 500W USB (Option)
- OS Support Android 5.1/9.0 or Debian 9.0

PoE (HPC-P133)

- Regulatory Compliance: IEEE802.3af (PoE)
- Input Power: 44 ~ 57V input
- Pass Through Data Rates: 10/100/1000 Mbps

Power Input

- HPC-156: 12V DC-in
- HPC-P156: 44 ~ 57V input

Dimensions

411.56 * 260.68 * 36.4mm

Safety

- Shock: 15G, 11ms duration
- Vibration: 5~500Hz/1 Grms

Warranty

2 Years Limited Warranty (Panel and Touch are only 1 Year Warranty)

Accessories

Parts Number	Description	Parts Number	Description
-----	HPC-156 /HPC-P156		40W AC-DC Adapter (for HPC-156)
Change according to shipping area	Power cord (for HPC-156)		