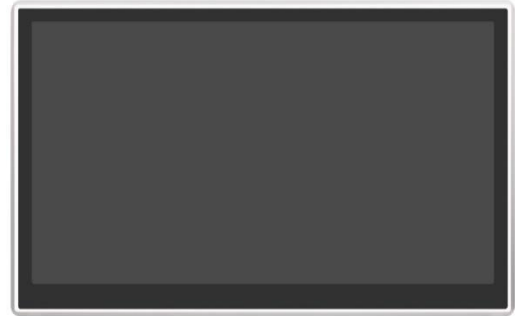




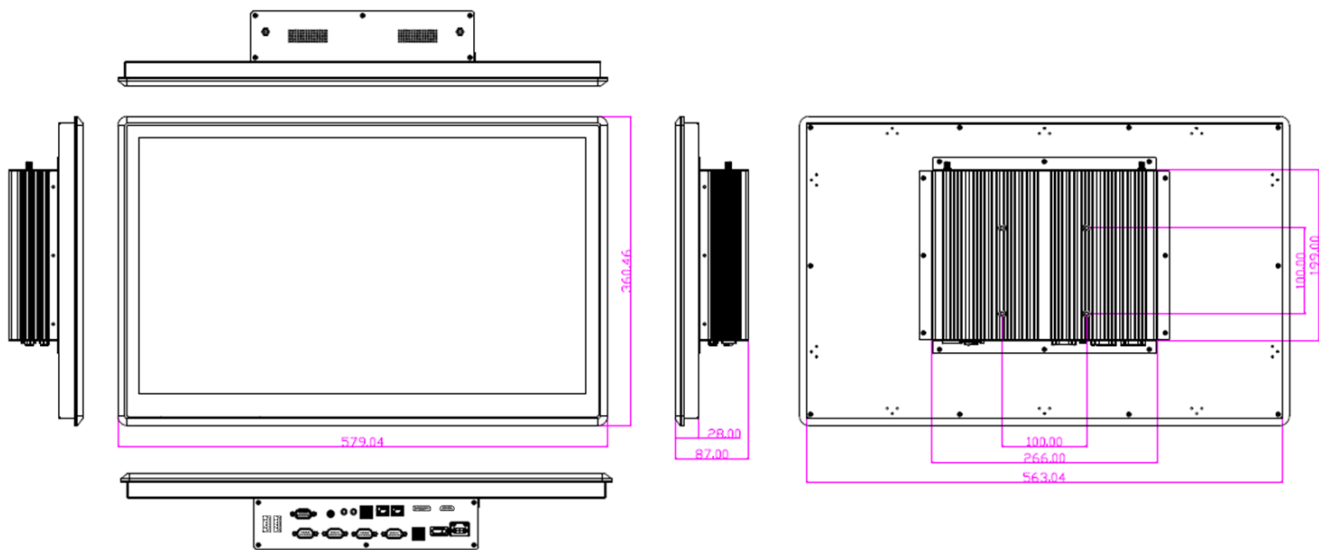
# HPC238SC-FPH610L

23.8" TFT Fanless Touch Panel Computer with Intel® Alder Lake-S H610 Chip, Support LGA1700 35W Processor

1. 23.8" 300 nits brightness TFT LCD with LED backlight
2. 10-points Multi Capacitive Touch
3. Design for easy Wall mount, Panel Mount, VESA Mount installation
4. A true Flat, easy-to-clean front surface with edge-to-edge design
5. Front IP65 for protection against water and dust
6. 12~19V DC-input Support, with EOS, OVP design



## Mechanical Drawings (Unit = mm)



## Specifications

### Display

- IP65, NEMA 4 rugged protection, metal front bezel
- 23.8" With LED Backlight
- 300 nits
- 16.7M display color
- 1920 x 1080 @60Hz resolution
- 178°/178° viewing angle (H/V)
- 0.2745 x 0.2745mm pixel pitch
- 16:9 aspect ratio
- 1000:1 contrast ratio
- 14ms response time

### Case

- Panel Material: Aluminum
- Iron case
- Silver + white color
- Spray paint coating requirement

### Touch Screen

- Projective capacitive type
- 528.04 x 297.46mm ±0.3mm active range
- Transparency 85 ±5%
- Operating force ≤10g
- Surface Hardness ≥6H (ASTM D3363, pressure 1N/45°)

### Main System

- Intel® LGA1700 Socket Core I3,I5,I7 PentiumT Series processor (Max 35W)
- 2\* DDR4 SO-DIMM (Max 64GB)
- 128MB SPI Flash ROM
- Watchdog Timer 256 levels, 0~255 sec.

**Storage**

- 1\* 2.5" SATA HDD
- 1 \* M.2 Socket(2242/2280 M Key,PCI-Ex4)

**I/O Connector**

- 2\* USB3.2(Gen.2)
- 2\* USB3.2(Gen.1)
- 2\* USB2.0
- 2\* RS232/422/485+ 2\*RS232
- 1\* HDMI
- 1\*DP
- 1\*8bit GPIO (5V)
- 1\* Line-out, MIC
- 2\* LAN (Realtek®RTL8111H Gigabit LAN)
- 1\* Locking Jack 12~19V DC input
- 1\* Power button

**Power Consumption**

- 71.5W

**Compliance**

CE, FCC, IP65(Front)-Option

**Temperature**

- Operating: -10°C ~ 50°C
- Storage: -20°C ~ 70°C

- OS Support Windows 10 /11 Linux

**Expansion**

- 1\* M.2 E Key 2230 for WIFI (Support CNVi / PCI-E)

**Power Input**

- AC version: 100~240V AC-DC 120W power adapter or
- DC version: 19VDC with over current protection fuse

**Dimensions**

579.04 \* 360.46 \* 87.00mm

**Safety**

- Shock: 1ms duration
- Vibration: 5~500Hz/1 Grms

**Warranty**

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

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

**Accessories**

Parts Number	Description	Parts Number	Description
-----	HPC238SC-FPH310		
		L01AS056-1F	Power cord 19V/6.32A 120W Adapter

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