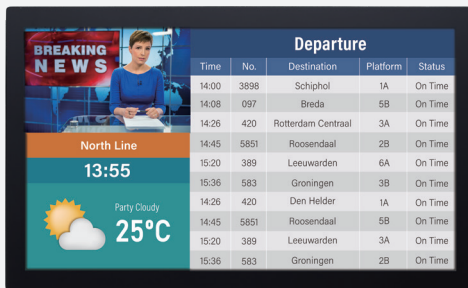


# XPPC 22-100

21.5" TFT FHD 16:9 Slim Bezel, Multi Touchscreen Computer

Powered by Intel® Apollo Lake J3455 Processor



## Main Features

- 21.5" TFT FHD 16:9 panel
- 10 Points P-Cap multi-touch with slim bezel design
- IP65 protection on the front
- Support: VESA/panel/openframe mount
- Intel® Celeron® processor J3455, quad core, 1.50 GHz
- 1 x DDR3L up to 8GB, M.2 2242 Key M for storage device
- Support power input 19 VDC

## Product Overview

The 21.5" fanless touchscreen computer XPPC 22-100 incorporating an industrial motherboard is intended for versatile industrial applications. XPPC 22-100 has a touch screen LED backlight LCD panel with 1920 x 1080 (FHD) resolution and 250 nits brightness. The front panel which adopts flush design and complies with IP65 standard by panel mount makes it the perfect fit in industrial applications. XPPC 22-100 powered by Intel® Celeron® processor and support DDR3L up to 8GB. XPPC 22-100 has slim design and weight optimization. XPPC 22-100 support multi-mounting choice based on different application. XPPC 22-100 can be applied in different situations. For example: hotel self-check in system, department store, welcome board and advertisement.

## Specifications

### Panel

- LCD size: BOE 21.5", 16:9
- Resolution: FHD 1920 x 1080
- Luminance
  - LCD panel: 250cd/m2
  - XPPC PCAP touch: 225cd/m2
- Contrast ratio: 1000
- LCD color: 16.7M
- Viewing angle: 89(R), 89(L), 89(U), 89(D)

### Touch Screen

- 10 points P-Cap (projected capacitive touch)
- Glass surface treatment: AS (Anti-Smudge Coating for easy cleaning)

### System

- CPU: onboard Intel® Celeron® processor J3455, 1.50GHz, 2M cache
- Graphic: Intel® HD graphics

### Main Memory

- 1 x SO-DIMM socket support up to 8GB DDR3L 1866 MHz, non-ECC and un-buffered memory

### Storage Device

- 1 x M.2 2242 Key M SSD (support SATA 3.0)

### Expansion

- 1 x mini-PCIe full-size connector with SIM slot (full-size) onboard, support Wi-Fi/LTE module

### Rear I/O

- LED for power on/off
- Power switch
- 19V DC-in power jack lock type
- 2 x RJ45 with LEDs for Gigabit LAN
- 1 x HDMI 2.0, resolution 4096 x 2160 60Hz
- 2 x USB 3.0
- 1 x Line-out
- COM 1: RS232/422/485

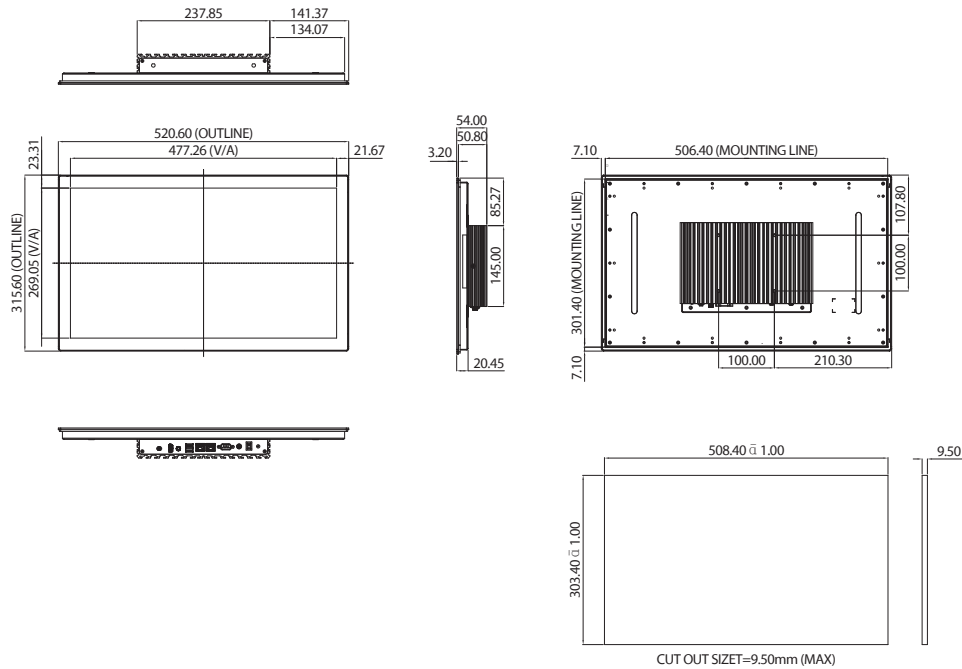
### Front I/O

- 2 x Antenna hole

### Mechanical & Environment

- Color/material: black silver/metal sheet
- Support
  - VESA mount 100mm x 100mm
  - Panel mount
  - Open frame

## Dimension Drawing



### Environment

- Vibration
  - IEC 60068-2-64
  - 2Grms @ sine, 5~500Hz, 1hr/axis
  - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- Shock
  - IEC 60068-2-27
  - 50g peak acceleration (11 msec. duration)
- Temperature
  - Operating temperature: 0°C~45°C (optional to 50°C)
  - Storage temperature: -20°C~60°C
- Operating humidity: 10%~90% relative humidity, non-condensing limits to be at 90%

### Dimensions

- System: 520.6mm x 315.6mm x 54mm
- System weight: 5kg
- Package: 650mm x 480mm x 170mm
- Package weight: 7.5kg

### Power Supply

- 1 x External 90W AC/DC power adapter with lock (power adapter is included in accessory)
- Input: 100VAC to 240VAC
- Output: DC+19VD

### Certifications

- CE (EN55035 + EN55032)
- FCC Class A (EMI Part 15B)
- LVD (EN62368-1)

### OS Support Lists

- Win10 64-bit
- Linux 4.1

## Ordering Information

### Barebone

- **XPPC 22-100 (P/N: 10W30XPPC10X0)**  
21.5" FHD LED multi touchscreen computer, Intel® Celeron® J3455
- **Panel mount kit (P/N: 88W30XPPC07X0)**
- **Open frame kit (P/N: 88W30XPPC08X0)**
- **Thermal kit (P/N: 88W30XPPC09X0)**