

# XPPC 16-101

15.6" TFT WXGA 16:9 Slim Bezel Panel PC with Multi-Touch Screen

Powered by Intel® Celeron® Processor J3455



## Main Features

- 15.6" 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, 2.30 GHz
- 1 x DDR3L up to 8GB, M.2 2242 Key M for storage device
- Support power input 19 VDC

## Product Overview

The 15.6" fanless panel PC XPPC 16-101 incorporating an industrial motherboard is intended for versatile industrial applications. XPPC 16-101 has a touch screen LED backlight LCD panel with 1920 x 1080 (FHD) resolution and 405-nit 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 16-101 powered by Intel® Celeron® processor and support DDR3L up to 8GB. XPPC 16-101 has slim design and weight optimization. XPPC 16-101 support multi-mounting choice based on different application. XPPC 16-101 can be applied in different situations. For example: hotel self-check in system, department store, welcome board and advertisement.

## Specifications

### Panel

- LCD size: Innolux G-series 15.6", 16:9
- Resolution: Full HD 1920 x 1080
- Luminance
  - LCD panel: 450cd/m2
  - XPPC PCAP touch: 405cd/m2
- Contrast ratio: 700
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)

### Touch Screen

- 10 points multi-touch P-Cap (projected capacitive touch)
- Optical bonding with LCD panel
- Glass surface treatment: AS

### System

- CPU: Intel® Celeron® processor J3455, 2M cache, up to 2.30 GHz
- Graphic: Intel® HD Graphics 500

### Main Memory

- 1 x 204-pin SO-DIMM socket, support up to DDR3L 1866MHz, non-ECC, un-buffered memory up to 8GB

### Storage Device

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

### Expansion

- 1 x mini-PCIe full-size connector, support Wi-Fi and LTE
- 1 x SIM slot onboard (nano size)

### Rear I/O

- Power button with LED
- 19V DC-in power Jack lock type
- 2 x RJ45 with LEDs for Gigabit LAN
- 2 x HDMI 1.4, resolution 3840 x 2160 30Hz
- 2 x USB 3.0
- 2 x USB 2.0
- 1 x Line out
- 1 x Serial port
  - COM1: RS232/422/485

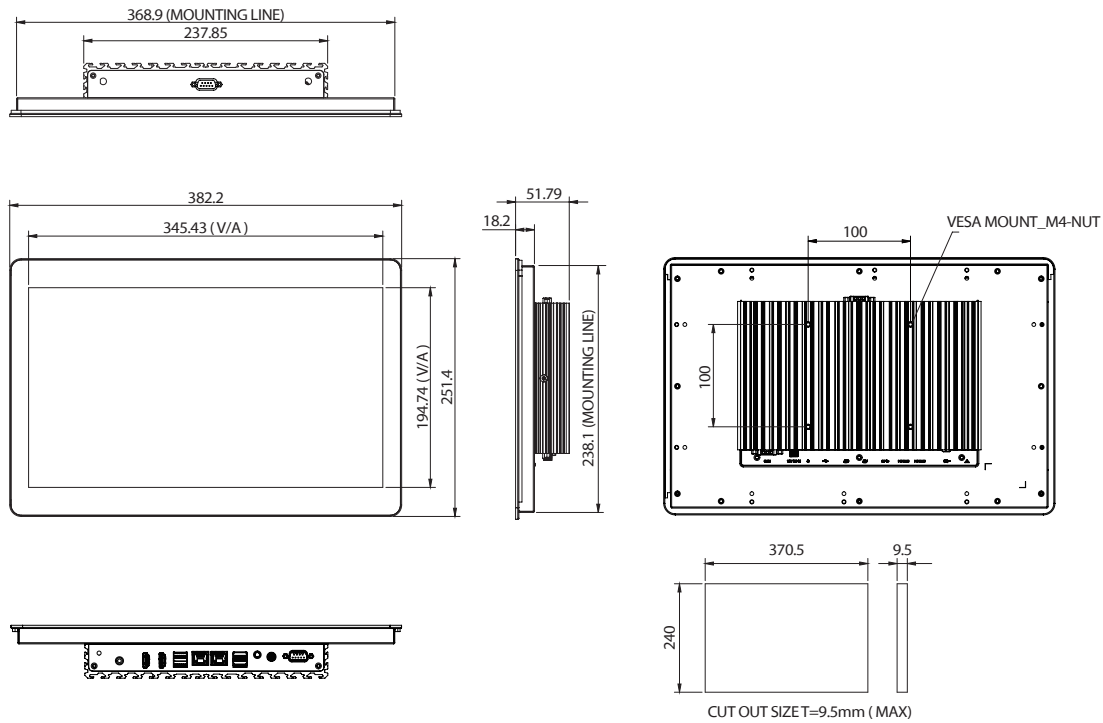
### Front I/O

- 2 x Antenna hole
- 1 x Serial port
  - COM2: RS232 (RI/5V/12V) (optional)

### 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~50°C
  - Storage temperature: -20°C~60°C
- Operating humidity: 10%~90% relative humidity, non-condensing limits to be at 90%

### Dimensions

- System: 382.2mm x 251.4mm x 51.79mm
- System weight: 3.0 kg
- Package: 476mm x 355mm x 206mm
- Package weight: 4.7kg

### Power Supply

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

### Certifications

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

### OS Support Lists

- Win10 64-bit
- Linux

## Ordering Information

- **XPPC16-101 (P/N: 10W30XPPC23X0)**  
15.6" FHD LED P-CAP panel PC, Intel® Celeron® J3455
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**