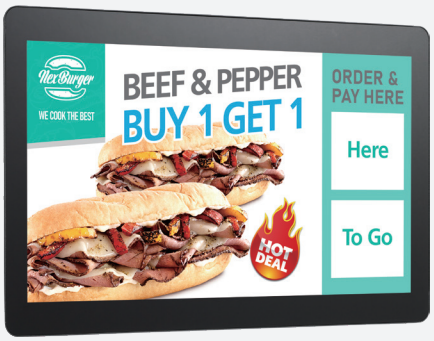
XPPC 16-101

15.6" TFT FHD 16:9 Slim Bezel, Multi Touchscreen Computer
Powered by Intel® Celeron® Processor J3455





Main Features

- 15.6" TFT FHD 16:9 Panel
- 10 points PCAP multi-touch with slim bezel design
- IP66 protection on the front
- Support: VESA/panel/open frame mount
- Intel® Celeron® processor J3455, 1.50GHz, 2M cache
- 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 450 nits brightness. The front panel which adopts flush design and complies with IP66 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: 90% of panel's luminance after optical bonding
- Contrast ratio: 700
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)

Touch Screen

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

System

- CPU: Intel® Celeron® processor J3455, 1.50GHz, 2M cache
- Graphic: Intel® HD Graphics 500

Main Memory

- 1 x SO-DIMM socket support up to 8GB DDR3L 1600 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

- 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

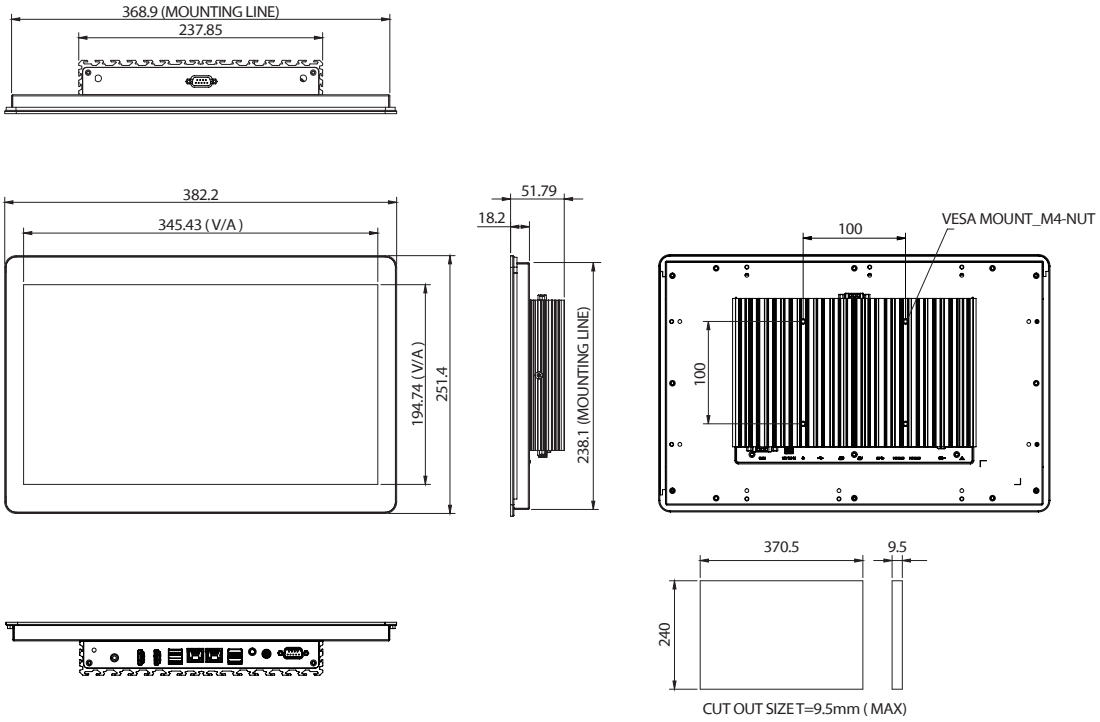
Front I/O

- 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
  - 20g 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 90W AC/DC lockable adapter 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

- **XPPC16-101-1(P/N:10W30XPPC34X0)**
  15.6" FHD LED PCAP panel PC, Intel® Celeron® J3455 w/ touch IC 81W84
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**

We reserve the right to change specifications and product descriptions at any time without prior notice.