

# XPPC 16-200

15.6" TFT FHD 16:9 Slim Bezel, Multi Touchscreen Computer  
Powered by 11th Generation Intel® Core™ Processor



## 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
- 11th Generation Intel® Tiger Lake-UP3 Core™ processor SoC
- 1 x DDR4 SO-DIMM up to 32G
- M.2 2280 Key M (PCIe x4) for storage device
- Onboard M.2 2230 Key E for optional Wi-Fi modules
- Support power input 12 VDC

## Product Overview

The 15.6" fanless touchscreen computer XPPC 16-200 incorporating an industrial motherboard is intended for versatile industrial applications. XPPC 16-200 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 IP65 standard by panel mount makes it the perfect fit in industrial applications. XPPC 16-200 powered by Intel® Tiger Lake-UP3 Core™ SoC. XPPC 16-200 has slim design and weight optimization. XPPC 16-200 support multi-mounting choice based on different application. XPPC 16-200 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 P-Cap (projected capacitive touch)
- Optical bonding
- Glass surface treatment: AS (Anti-Smudge Coating for easy cleaning)

### System

- XPPC 16-200-i3
  - Onboard 11th Generation Intel® Core™ i3-1115G4E processor, Dual Core, 2.2 GHz base frequency, 6M Cache (formerly Tiger Lake-UP3)
  - Intel® UHD Graphics 630 on i3 processor
- XPPC 16-200-i5 (by request)
  - Onboard 11th Generation Intel® Core™ i5-1145G7E processor, Dual Core, 1.5 GHz base frequency, 8M Cache
  - Intel® Iris® X® Graphics on i5 processor

### Main Memory

- 1 x DDR4 SO-DIMM up to 32G

### Storage Device

- 1 x M.2 2280 Key M SSD, support PCIe x4

### Expansion

- 1 x M.2 2230 Key E, support optional Wi-Fi modules

### Rear I/O

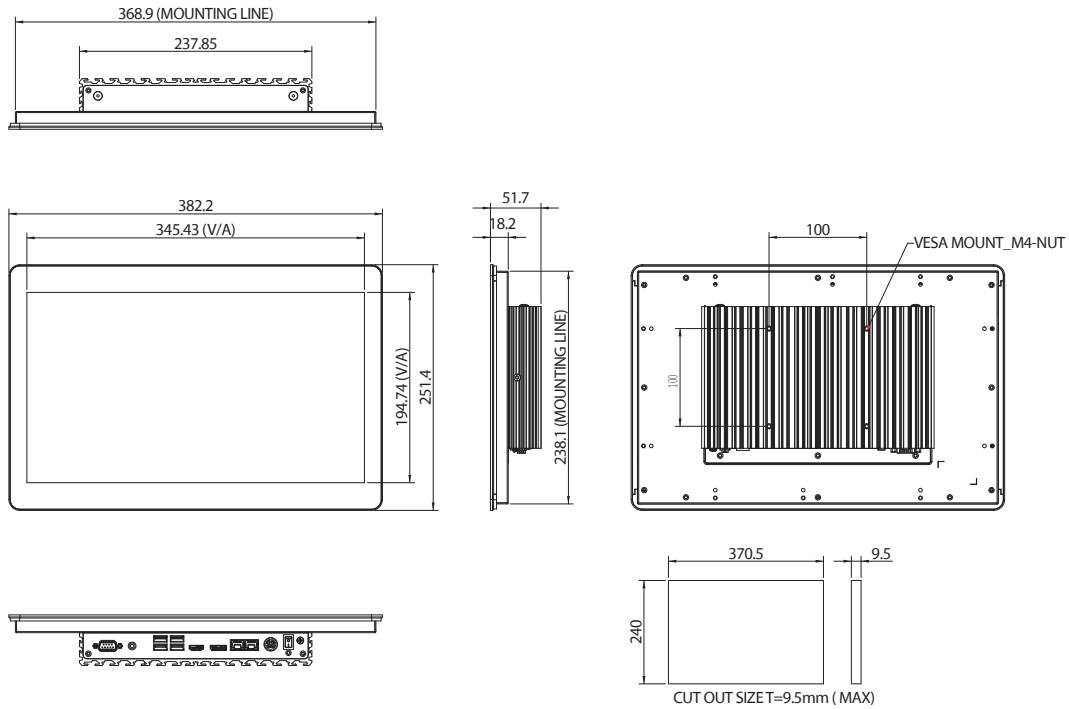
- 1 x RS232/422/485
- 1 x 12V DC Jack
- 2 x RJ45 Intel® Gigabit LAN port
- 1 x DP++
- 1 x HDMI 2.0
- 4 x USB 3.0
- 1 x Line-out
- LED for power on/off
- Power switch

### Front I/O

- 2 x Antenna hole

### Mechanical & Environment

## Dimension Drawing



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

### 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 51.7mm
- System weight: 3.0kg
- Package: 476mm x 355mm x 206mm
- Package weight: 4.7kg

### Power Supply

- 1 x External 96W AC/DC power adapter with lock (power adapter is included in accessory)
- Input: 100VAC to 240VAC

- Output: DC+12VDC

### Certifications

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

### OS Support Lists

- Win10 64-bit
- Linux

## Ordering Information

### Barebone

- **XPPC 16-200-i3 (P/N: 10W30XPPC11X0)**  
15.6" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i3-1115G4E
- **XPPC 16-200-i5 (P/N: 10W30XPPC13X0)**  
15.6" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i5-1145G7E (by request)
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**