

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/open frame 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: 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 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
 - Intel® UHD graphics
- XPPC 16-200-i5
 - Onboard 11th Generation Intel® Core™ i5-1145G7E processor, Quad Core, 1.5 GHz base frequency, 8M Cache
 - Intel® Iris® X^e Graphics 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

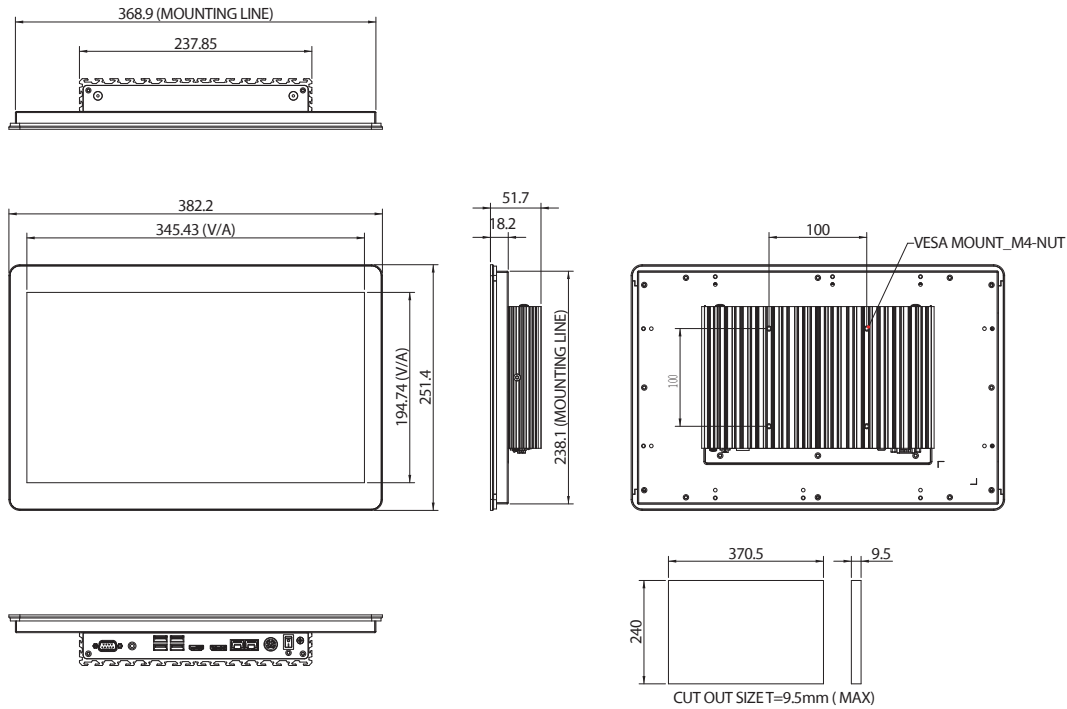
- 1 x RS232/422/485
- 1 x 12V DC Jack
- 2 x RJ45 Intel® Gigabit LAN port
- 1 x DP++
- 1 x HDMI 2.0
- 4 x USB 3.0
- 1 x Line-out
- LED for power on/off
- Power switch

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

Power Supply

- 1 x 96W AC/DC lockable adapter 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 16-200-1-i3 (P/N: 10W30XPPC35X0)**
15.6" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i3-1115G4E w/ touch IC 81W84
- **XPPC 16-200-1-i5 (P/N: 10W30XPPC36X0)**
15.6" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i5-1145G7E w/ touch IC 81W84
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**