

XPPC 16-200

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



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
- ♦ 11th Gen Intel® Core™ i processor
- ♦ 1 x DDR4 SO-DIMM, up to 32GB
- ♦ 1 x M.2 Key M 2280 (PCIe x4) for storage device
- ♦ 1 x M.2 Key E 2230 for an optional Wi-Fi module
- ♦ DC 12V power input

Product Overview

The 15.6" fanless touchscreen computer XPPC 16-200 incorporating an industrial motherboard is intended for versatile industrial applications. The 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 IP66 standard by panel mount makes it the perfect fit in industrial applications. The XPPC 16-200 is powered by the 11th Gen Intel® Core™ i processor and features a slim, lightweight design. The XPPC 16-200 supports multiple mounting options to suit different applications. It can be deployed in a wide range of scenarios, such as hotel self-check-in systems, department stores, welcome boards, and digital signage.

Specifications

Panel

- ♦ LCD size: Innolux G-series 15.6", 16:9
- ♦ Resolution: Full HD 1920x1080
- ♦ Luminance
 - LCD panel: 450cd/m²
 - XPPC PCAP touch: 90% of panel's luminance after optical bonding
- ♦ Contrast ratio: 700:1
- ♦ LCD color: 16.7M
- ♦ Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)

Touch Screen

- ♦ 10 Points PCAP (projected capacitive touch)
- ♦ Optical bonding
- ♦ Glass surface treatment: AS (anti-smudge coating for easy cleaning)

System

- ♦ 11th Gen Intel® Core™ i3-1115G4E processor (embedded/BGA), TDP 15W
 - Graphics: Intel® UHD graphics 630
- ♦ 11th Gen Intel® Core™ i5-1145G7E processor (embedded/BGA), TDP 15W
 - Graphics: Intel® Iris® Xe graphics

Main Memory

- ♦ 1 x DDR4 SO-DIMM, up to 32GB

Storage Device

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

Expansion

- ♦ 1 x M.2 Key E 2230, supports an optional Wi-Fi module

Rear I/O

- ♦ 1 x RS-232/422/485
- ♦ 1 x DC 12V jack
- ♦ 2 x 1GbE RJ45 port
- ♦ 1 x DP++
- ♦ 1 x HDMI® 2.0
- ♦ 4 x USB 3.2
- ♦ 1 x Line out
- ♦ LED for power on/off
- ♦ Power switch

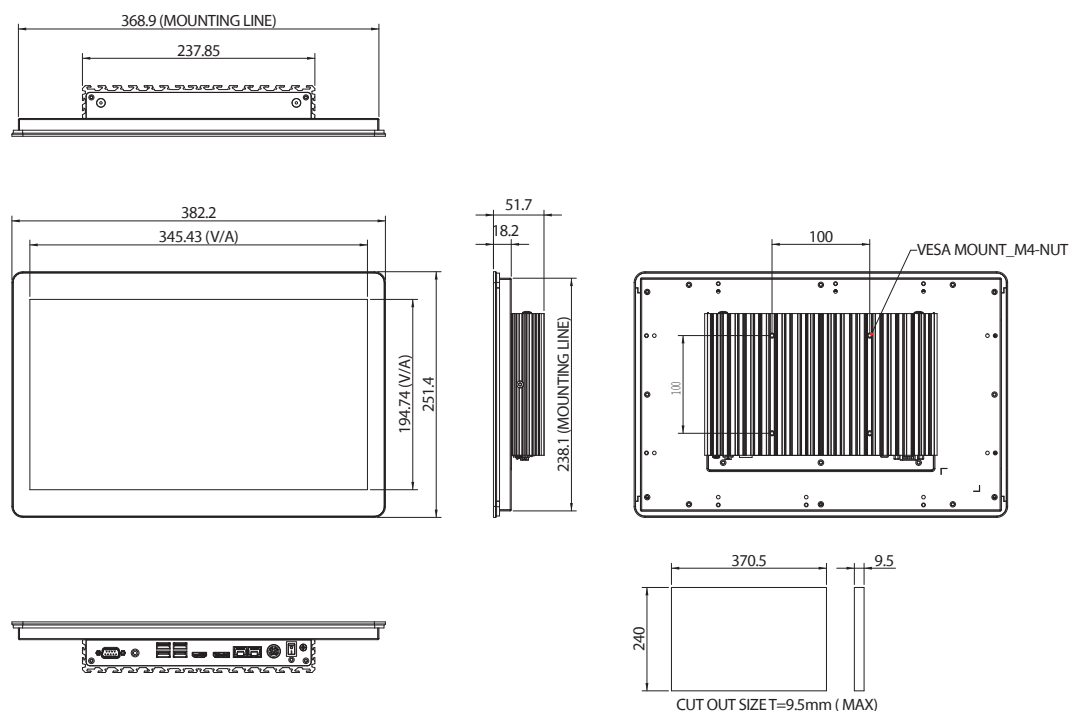
Front I/O

- ♦ 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, 5Hz~500Hz, 1hr/axis
 - 2.2Grms@random condition, 5Hz~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%

Dimension & Weight

- System unit
 - Dimensions: 382.2mm (W) x 251.4mm (D) x 51.7mm (H)
 - Net weight: 3.0kg
- Package carton
 - Dimensions: 476mm (W) x 355mm (D) x 206mm (H)
 - Gross weight: 4.7kg

Power Supply

- 1 x 96W AC/DC lockable adapter included in accessory
- AC 100V~240V input
- DC +12V output

Certifications

- CE (EN 55035 + EN 55032)
- FCC Class A (EMI part 15B)
- LVD (EN 62368-1)

OS Support List

- Windows 11
- Windows 10, 64-bit
- Linux

Ordering Information

Barebone

- **XPPC 16-200-1-i3 (P/N: 10W30XPPC35X0)**
15.6" FHD LED PCAP touchscreen computer, Intel® Core™ i3-1115G4E w/ touch IC: 81W84
- **XPPC 16-200-1-i5 (P/N: 10W30XPPC36X0)**
15.6" FHD LED PCAP touchscreen computer, Intel® Core™ i5-1145G7E w/ touch IC: 81W84
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**