XPPC 16-200

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





Main Features

- 15.6" TFT FHD 16:9 panel
- 10-point PCAP multi-touch with slim bezel design
- IP66 protection on the front
- VESA/panel mount/open frame supported
- 11th Gen Intel® Core™ i processor
- 1 x DDR4 SO-DIMM, up to 32GB
- 1 x M.2 Key M 2280 for an optional SSD
- 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 and is designed for versatile industrial applications. The XPPC 16-200 has a touchscreen LED-backlit LCD panel with 1920 x 1080 (FHD) resolution and 450-nit brightness. The front panel which adopts flush design and complies with IP66 standard by panel mounting 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: 1920x1080 (FHD)
- Luminance
  - LCD panel: 450 nits
  - 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)
- Touchscreen
  - 10-point PCAP (projected capacitive touch)
  - Optical bonding
  - Glass surface treatment: AS (anti-smudge coating for easy cleaning)

Processor

- Intel® Core™ i3-1115G4E processor, TDP 15W (embedded/BGA)
- Intel® Core™ i5-1145G7E processor, TDP 15W (embedded/BGA)

Integrated Graphics

- Intel® UHD Graphics 630 (Intel® Core™ i3-1115G4E processor)
- Intel® Iris® Xe Graphics (Intel® Core™ i5-1145G7E processor)

Memory

- 1 x DDR4 SO-DIMM, up to 32GB

Storage

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

Expansion Slot

- 1 x M.2 Key E 2230
  - Support an optional Wi-Fi module

I/O Interface Front

- 2 x Antenna hole

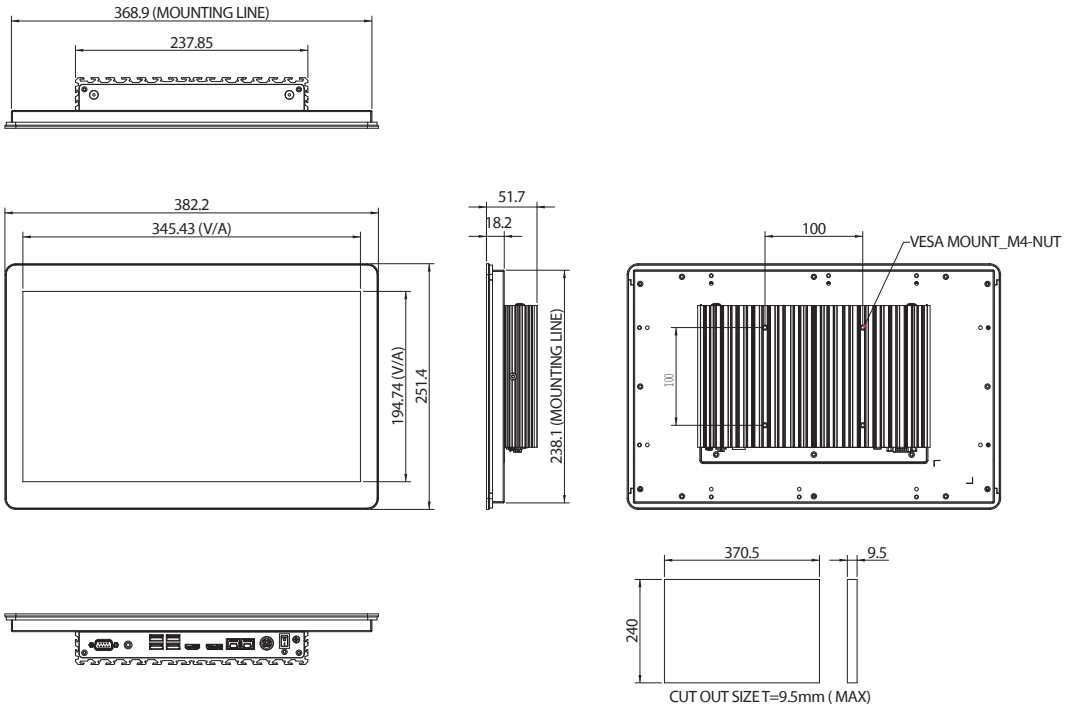
I/O Interface Rear

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

Mechanical

- Dimensions: 382.2mm (W) x 251.4mm (D) x 51.7mm (H)
- Net weight: 3.0kg
- Color/material: black silver/metal sheet
- Mounting type:
  - VESA mount 100mm x 100mm
  - Panel mount (optional kit, 10 brackets and 10 screws needed)
  - Open frame (optional kit)

Dimension Drawing



Package Information

- Dimensions: 476mm (W) x 355mm (D) x 206mm (H)
- Gross weight: 4.7kg

Environment

- 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%
- 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)

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)

Operating System

- Windows 11
- Windows 10, 64bit
- Linux

Ordering Information

Barebone

- **XPPC 16-200-1-i3 (P/N: 10W30XPPC35X0)**

  15.6" FHD LED 10-point PCAP touchscreen computer, Intel® Core™ i3-1115G4E processor w/ touch IC: 81W84

- **XPPC 16-200-1-i5 (P/N: 10W30XPPC36X0)**

  15.6" FHD LED 10-point PCAP touchscreen computer, Intel® Core™ i5-1145G7E processor w/ touch IC: 81W84

- **Panel mount kit (P/N: 10W30XPPC02X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**

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