

XPPC 10-200

10.1" TFT WXGA 16:10 Slim Bezel, Multi Touchscreen Computer

Powered by 11th Gen Intel® Core™ Processor



Main Features

- ♦ 10.1" TFT WXGA 16:10 panel
- ♦ 10 points P-Cap multi-touch with slim bezel design
- ♦ IP65 protection on the front
- ♦ Support: VESA/panel/open frame mount
- ♦ 11th Gen Intel® Core™ processors (Tiger Lake UP3)
- ♦ 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 10.1" fanless touchscreen computer XPPC 10-200 incorporates an industrial motherboard is intended for versatile industrial applications. The XPPC 10-200 has a touch screen LED backlight LCD panel with 1280 x 800 (WXGA) resolution and 400 nit brightness. The front panel adopts a flush design and complies with IP65 standard for panel mount, making it the perfect fit for industrial applications. The XPPC 10-200 is powered by 11th Gen Intel® Core™ processors, has a slim design and weight optimization. It also supports multi-mounting choices based on different applications, which can be applied in different situations. For example: hotel self-check in systems, department stores, welcome boards, and advertisements.

Specifications

Panel

- ♦ LCD size: AUO G-series 10.1", 16:10
- ♦ Resolution: WXGA 1280 x 800
- ♦ Luminance:
 - LCD panel: 400cd/m2
 - XPPC PCAP touch: 90% of panel's luminance after optical bonding
- ♦ Contrast ratio: 800
- ♦ 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

- ♦ Onboard 11th Gen Intel® Core™ i3-1115G4E processor, Dual Core, 2.2 GHz base frequency, 6M cache
- ♦ Intel® UHD graphics 630 on i3 processor
- ♦ Onboard 11th Gen Intel® Core™ i5-1145G7E processor, Quad Core, 1.5 GHz base frequency, 8M cache
- ♦ Intel® Iris® Xe graphics on i5 processor

Main Memory

- ♦ 1 x DDR4 SO-DIMM up to 32G

Storage device

- ♦ 1 x M.2 2280 Key M, 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 HDMI 2.0
- ♦ 4 x USB 3.0
- ♦ 1 x Line out
- ♦ LED for power on/off
- ♦ Power switch

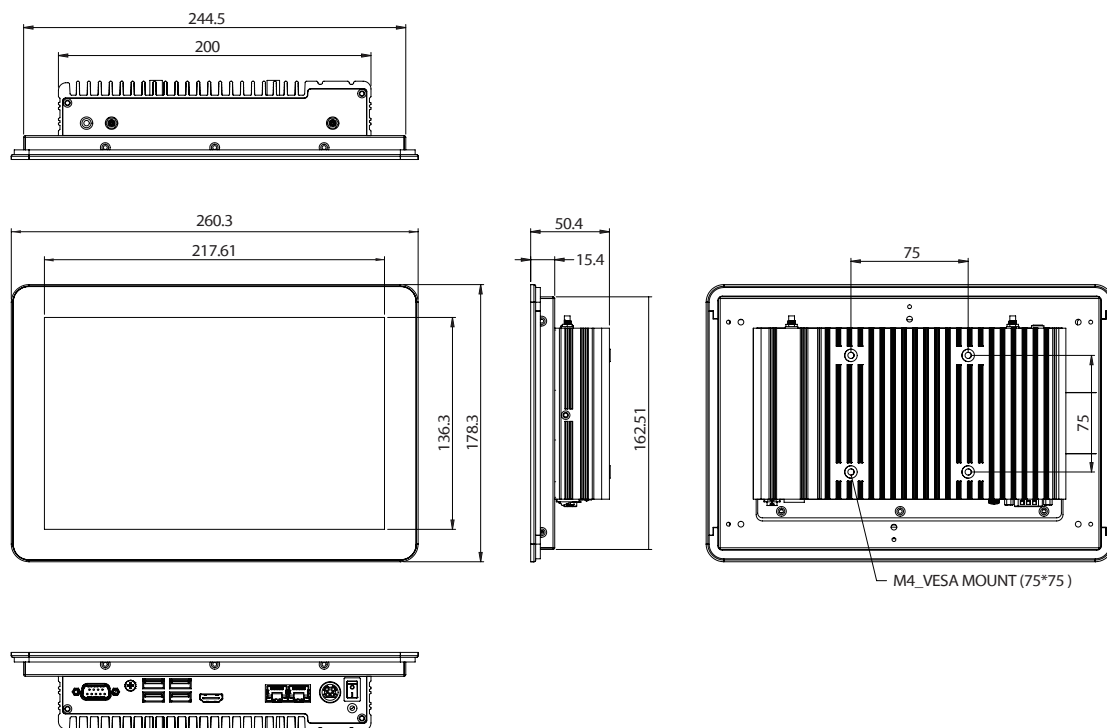
Front I/O

- ♦ 2 x Antenna hole

Mechanical & Environment

- ♦ Color/material: black silver/metal sheet
- ♦ Support
 - VESA mount 75mm x 75mm
 - 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 with 0.7 m/s air flow: 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: 260.3mm x 178.3mm x 50.4mm
- System weight: 2.0 kg
- Package: 335mm x 302mm x 160mm
- Package weight: 3 kg

Power Supply

- 1 x 60W 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

- **XPPC10-200-1-i3 (P/N:10W30XPPC30X0)**
10.1" WXGA LED P-CAP touchscreen computer, Intel® Core™ i3-1115G4E processor, w/ touch IC: 81W60
- **XPPC10-200-1-i5 (P/N:10W30XPPC31X0)**
10.1" WXGA LED P-CAP touchscreen computer, Intel® Core™ i5-1145G7E processor, w/ touch IC: 81W60
- **Panel mount kit (P/N: 88W30XPPC02X0)**
- **Open frame Kit (P/N: 88W30XPPC03X0)**