XPPC 10-200

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

Powered by 11th Generation 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/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 10.1" fanless touchscreen computer XPPC 10-200 incorporating an industrial motherboard is intended for versatile industrial applications. XPPC 10-200 has a touch screen LED backlight LCD panel with 1280 x 800 (WXGA) resolution and 400 nit 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 10-200 powered by Intel® Tiger Lake-UP3 Core™ SoC. XPPC 10-200 has slim design and weight optimization. XPPC 10-200 support multi-mounting choice based on different application. XPPC 10-200 can be applied in different situations. For example: hotel self-check in system, department store, welcome board and advertisement.

Specifications

Panel

- LCD size: AUO G-series 10.1", 16:10
- Resolution: WXGA 1280 x 800
- Luminance:
  - LCD panel: 400cd/m2
  - XPPC PCAP touch: 360cd/m2
- 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 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
- Onboard 11th Generation Intel® Core™ i5-1145G7E processor, dual core, 1.5 GHz base frequency, 8M cache (by request)
- 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

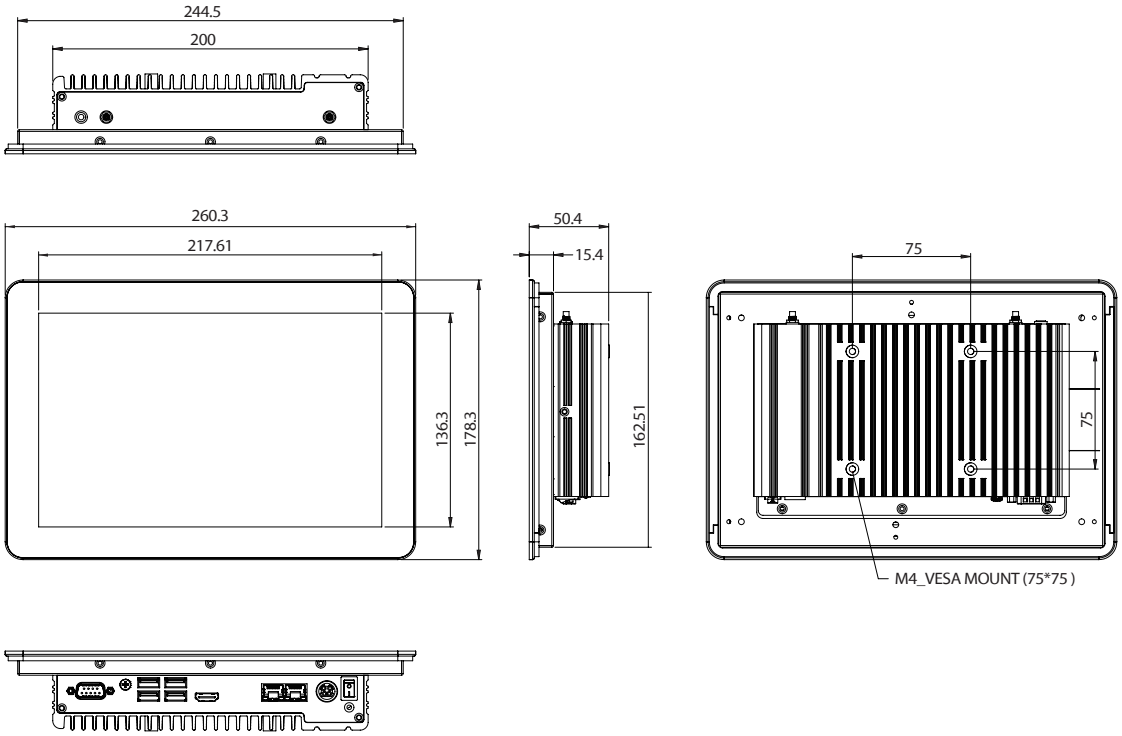
Front I/O

- 2 x Antenna hole

Mechanical & Environment

- Color/materia: 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
  - 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: 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 External 60W 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 10-200-i3 (P/N:10W30XPPC19X0)**
  10.1" WXGA LED P-CAP touchscreen computer, Intel® Tiger Lake Core™ i3-1115G4E
- **XPPC 10-200-i5 (P/N:10W30XPPC20X0)**
  10.1" WXGA LED P-CAP touchscreen computer, Intel® Tiger Lake Core™ i5-1145G7E
- **Panel mount kit (P/N: 88W30XPPC02X0)**
- **Open frame Kit (P/N: 88W30XPPC03X0)**

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