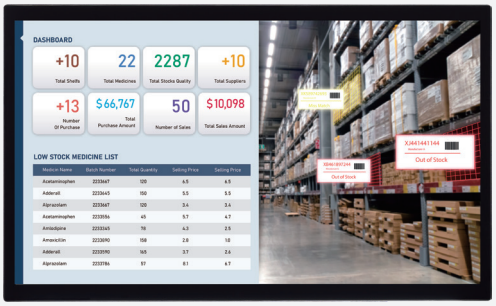
XPPC 24-200A

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





Main Features

- 23.8" TFT FHD 16:9 panel
- 10-point PCAP multi-touch with slim bezel design
- IP65 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, supports PCIe x4 for storage
- DC 12V power input

Product Overview

The 23.8" fanless touchscreen computer XPPC 24-200A, powered by 11th Gen Intel® Core™ i5/i3 processor, delivers exceptional graphics performance. With its integrated Intel® Iris® Xᵉ graphics (Intel® Core™ i5-1145G7E processor), the XPPC 24-200A enables excellent AI inferencing performance. Compatibility with the Hailo-8 M.2 AI acceleration module makes it a suitable solution for AI-powered applications. Moreover, the XPPC 24-200A is equipped with a 10-point PCAP touchscreen, front IP65 protection, FHD wide viewing angle G series panel. Its slim profile and flexible mounting options make it well-suited for a variety of industrial applications, including service robots, smart warehouse, smart city, and smart pharmacy.

Specifications

Panel

- LCD size: Innolux G-series 23.8", 16:9
- Resolution: 1920x1080 (FHD)
- Luminance
  - LCD panel: 350 nits
  - XPPC PCAP touch: 85% of panel's luminance after air bonding
- Contrast ratio: 1000:1
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)
- Touchscreen
  - 10-point PCAP (projected capacitive touch)
  - Air bonding
  - Glass surface treatment: AS + AG

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, non-ECC, unbuffered, up to 32G

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

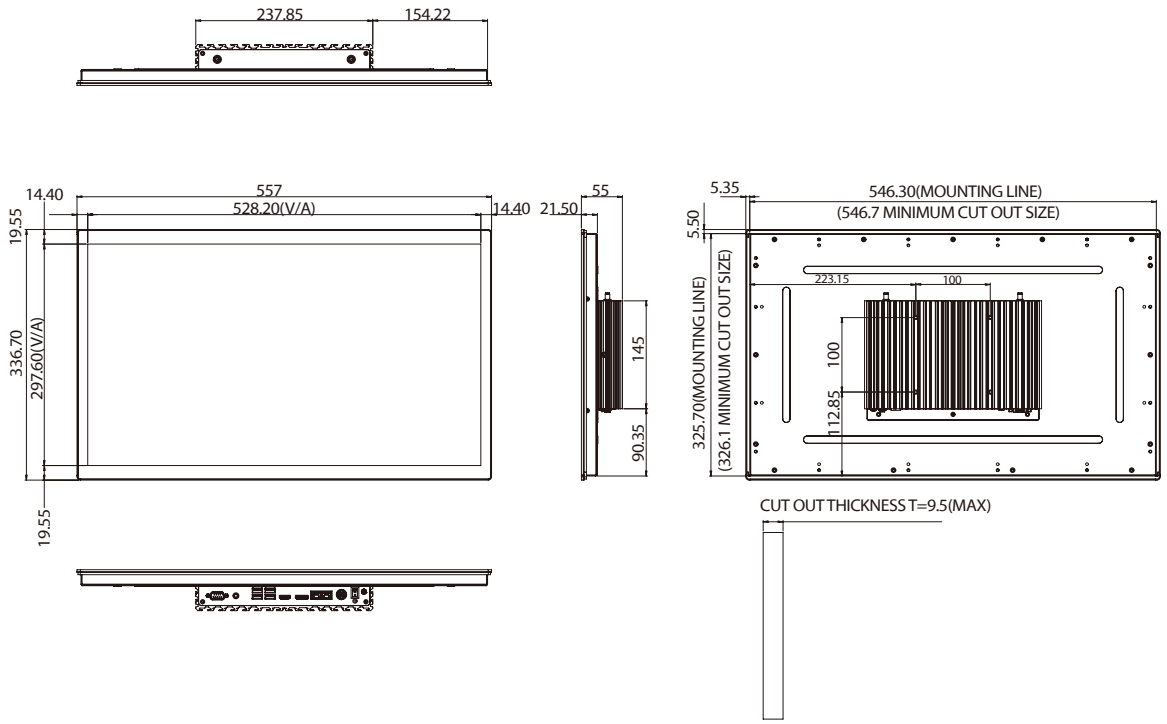
I/O Interface Rear

- 1 x 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 RS-232/422/485
- 1 x LED for power on/off
- 1 x Power switch

Mechanical

- Dimensions: 557mm (W) x 336.7mm (D) x 55mm (H)
- Net weight: 5.8kg
- Color/materia: black metal sheet
- Mounting type:
  - VESA mount 100mm x 100mm
  - Panel mount (optional kit, 12 brackets and 12 screws needed)
  - Open frame (optional kit)

Dimension Drawing



Package Information

- Dimensions: 650mm (W) x 480mm (D) x 170mm (H)
- Gross weight: 7.85kg

Environment

- Temperature
  - Operating temperature: 0°C~50°C with 0.35 m/s air flow
  - 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

- **XPPC24-200A-i3 (P/N:10W30XPPC37X0)**
  23.8" FHD LED 10-point PCAP touchscreen computer, Intel® Core™ i3-1115G4E processor, w/ air bonding
- **XPPC24-200A-i5 (P/N: 10W30XPPC38X0)**
  23.8" FHD LED 10-point PCAP touchscreen computer, Intel® Core™ i5-1145G7E processor, w/ air bonding
- **Panel mount kit (P/N: 10W30XPPC02X0)**
- **Open frame kit (P/N: 88W30XPPC01X0)**

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