

HTL-TCOMP-215

21.5" TFT FHD 16:9 Slim Bezel, Multi Touchscreen Computer

Powered by 11th Generation Intel® Core™ Processor



Main Features

- 21.5" TFT FHD 16:9 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 21.5" fanless touchscreen computer HTL-TCOMP-215 incorporating an industrial motherboard is intended for versatile industrial applications. HTL-TCOMP-215 has a touch screen LED backlight LCD panel with 1920 x 1080 (FHD) resolution and 400 nits brightness. The front panel which adopts flush design and complies with IP65 standard by panel mount makes it the perfect fit in industrial applications. HTL-TCOMP-215 powered by Intel® Tiger Lake-UP3 Core™ SoC. HTL-TCOMP-215 has slim design and weight optimization. HTL-TCOMP-215 support multi-mounting choice based on different application. HTL-TCOMP-215 can be applied in different situations. For example: hotel self-check in system, department store, welcome board and advertisement.

Specifications

Panel

- LCD size: Innolux G-series 21.5", 16:9
- Resolution: Full HD 1920 x 1080
- Luminance
 - LCD panel: 400cd/m2
 - XPPC PCAP touch: 405cd/m2
- Contrast ratio: 1000
- LCD color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)

Touch Screen

- 10 Points P-Cap (projected capacitive touch)
- Air bonding
- Glass surface treatment: AS + AG

System

- HTL-TCOMP-215-i3
 - Onboard 11th Generation Intel® Core™ i3-1115G4E processor, Dual Core, 2.2GHz base frequency, 6M Cache (formerly Tiger Lake-UP3)
 - Intel® UHD Graphics 630 on i3 processor
- HTL-TCOMP-215-i5 (by request)
 - Onboard 11th Generation Intel® Core™ i5-1145G7E processor, Quad Core, 1.5 GHz base frequency, 8M Cache
 - Intel® Iris® X® Graphics on i5 processor

Main Memory

- 1 x DDR4 SO-DIMM up to 32G

Storage Device

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

Expansion

- 1 x M.2 2230 Key E, support optional Wi-Fi modules

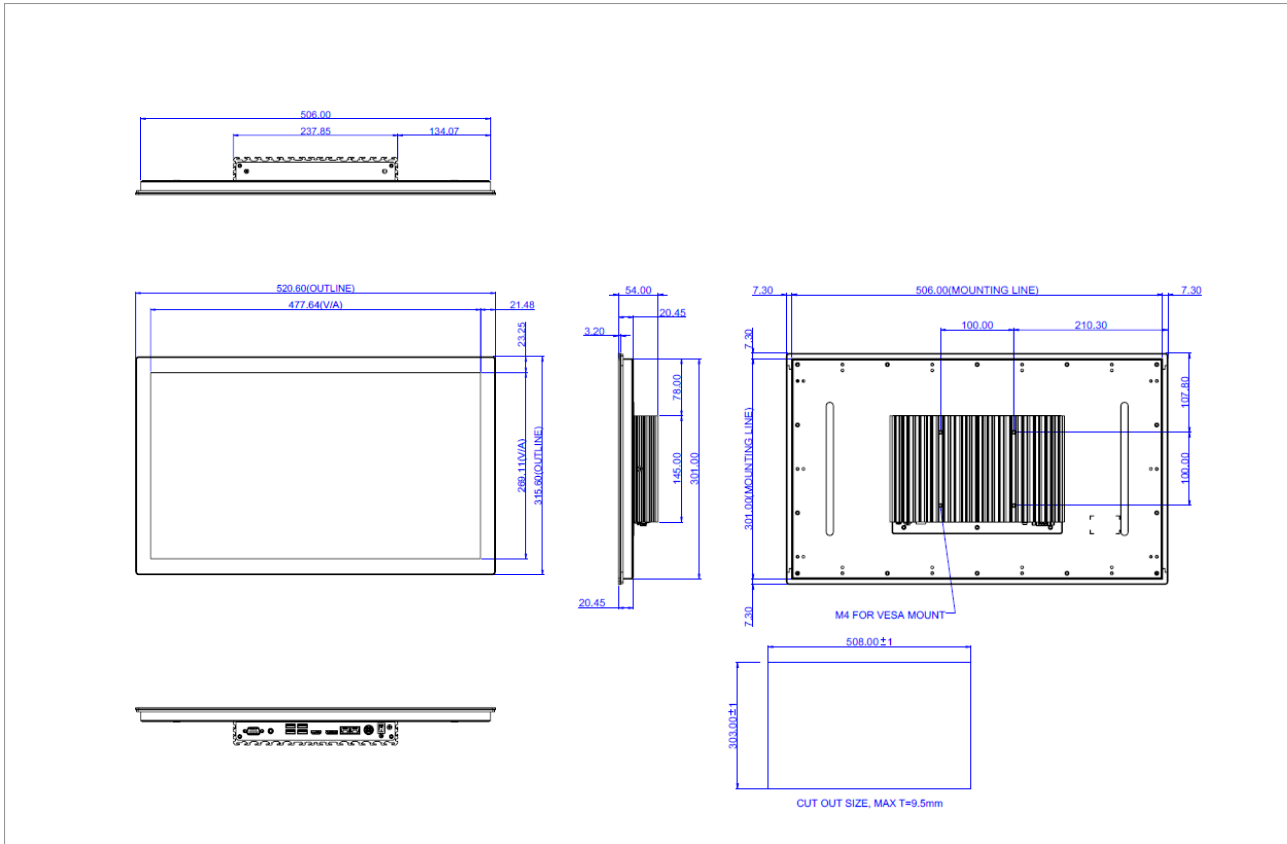
Rear I/O

- 1 x RS232/422/485
- 1 x 12V DC Jack
- 2 x RJ45 Intel® Gigabit LAN port
- 1 x DP++
- 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 100mm x 100mm
 - Panel mount
 - Open frame

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: 520.6 mm x 315.6 mm x 54 mm
- System weight: 5 kg
- Package: 650 mm x 480 mm x 170 mm
- Package weight: 7.5 kg

Power Supply

- 1 x External 96W 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

- **HTL-TCOMP-215-i3 (P/N: TBD)**
21.5" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i3-1115G4E
- **HTL-TCOMP-215-i5 (P/N: TBD)**
21.5" FHD LED P-CAP touchscreen computer, Intel® Tiger Lake Core i5-1145G7E (by request)
- **Panel mount kit (P/N: 88W30XPPC04X0)**
- **Open frame kit (P/N: 88W30XPPC05X0)**