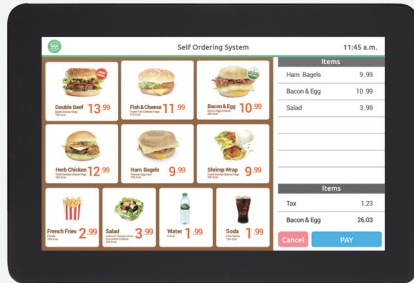


# XPPC 10-100-Ag+

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

Powered by Intel® Apollo Lake J3455 Processor



## Main Features

- 10.1" TFT WXGA 16:10 panel
- 10-point PCAP multi-touch with slim bezel design
- IP65 protection on the front
- Support: VESA/panel/openframe mount
- Intel® Celeron® processor J3455, Quad Core, 1.50 GHz
- 1 x DDR3L up to 8GB, M.2 M-key 2242 for storage device
- Support power input 19 VDC
- Antimicrobial Corning® Gorilla® Glass

## Product Overview

NEXCOM is making one of the everyday objects that we encounter more hygienic and safe. Touch screens are increasingly ubiquitous across transportation and retail sectors, where we've thoughtfully enhanced our own XPPC touch computers with antimicrobial Corning® Gorilla® Glass. Customers are sure to worry less about contacting bacteria while businesses increase efficiency, all contributing to a more stress-free society. The 10.1" fanless touch computer XPPC 10-100 incorporating an industrial motherboard is intended for versatile industrial applications. XPPC 10-100 has a touch screen LED backlight LCD panel with 1280 x 800 (WXGA) resolution and 400-nit brightness.

## 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)
- Backlight: LED

### Touch Screen

- Antimicrobial Corning® Gorilla® Glass
- Delivers intrinsic and long-lasting antimicrobial efficacy, with EPA registration and compatibility with an easy-to-clean technology
- Maintains the durability and scratch resistance of Corning® Gorilla® Glass 3
- Maintains the exceptional surface quality and optical clarity of Corning® Gorilla® Glass 3
- 10-point PCAP (projected capacitive touch)
- Optical bonding

### System

- CPU: onboard Intel® Celeron® processor J3455, 1.50GHz, 2M cache
- Graphic: Intel® HD Graphics

### Main Memory

- 1 x SO-DIMM socket support up to 8GB DDR3L 1866 MHz, non-ECC and un-buffered memory

### Storage Device

- 1 x M.2 M key 2242 SSD (support SATA 3.0)

### Expansion

- 1 x mini-PCIe full-size connector with SIM slot (full-size) onboard, support Wi-Fi/LTE module

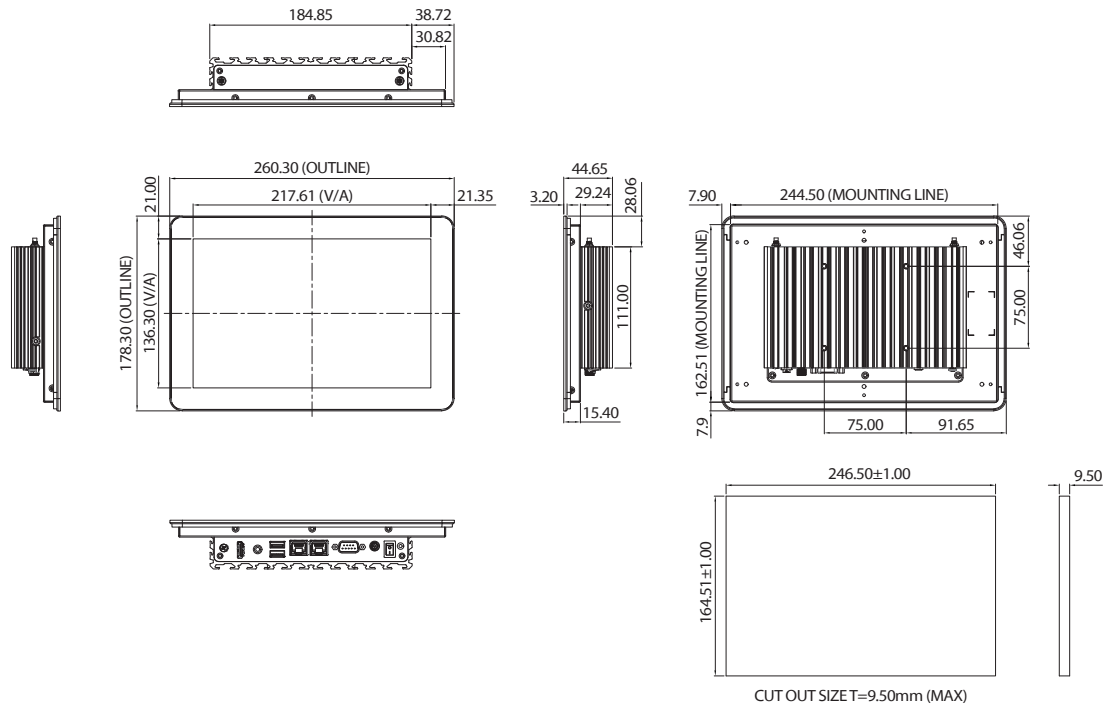
### Rear I/O

- LED for power on/off
- Power switch
- 19V DC-in power jack lock type
- 2 x RJ45 with LEDs for Gigabit LAN
- 1 x HDMI 2.0, resolution 4096 x 2160 60Hz
- 2 x USB 3.0
- 1 x Line-out
- COM 1: RS232/422/485

### Front I/O

- 2 x Antenna hole

## Dimension Drawing



### Mechanical & Environment

- Color/material: black silver/metal sheet
- Support
  - VESA mount 75mm x 75mm
  - Panel mount
  - Open frame

### Environment

- Vibration
  - IEC 68 2-64
  - 2Grms @ sine, 5~500Hz, 1hr/axis
  - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating)
- Shock
  - IEC 68 2-27
  - 20g 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 44.65mm
- System weight: 2 kg
- Package: 335mm x 302mm x 160mm
- Package weight: 3 kg

### Power Supply

- 1 x External 45W AC/DC power adapter with lock (power adapter is included in accessory)
- Input: 100VAC to 240VAC
- Output: DC+19VDC

### Certifications

- CE (EN55035 + EN55032)
- FCC Class A (EMI part 15B)
- LVD (EN62368-1)

### OS Support Lists

- Windows 10 64-bit
- Linux 4.1

## Ordering Information

### Barebone

- **XPPC 10-100-Ag (P/N: 10W30XPPC06X0)**  
10.1" WXGA antimicrobial Ag+ touch computer powered by Intel® Celeron® J3455
- **Panel Mount Kit (P/N: 88W30XPPC02X0)**
- **Open Frame Kit (P/N: 88W30XPPC03X0)**