



Main Features

- Intel® Braswell (Celeron® N 3060 processor)
- (1366x768), P-Cap multi-touch display
- Support VGA, DVI-D, 2 x GbE LAN, 5 x COM, 4 x USB 3.0, Line-out/ 2 x Mic-in.etc.
- Mounting support: panel/wall/stand/VESA
- Metal housing with robust aluminum IP65 compliant front side bezel for harsh environment
- Fanless design

Product Overview

NEXCOM has released the Kiosk Panel PC KPPC 1821A to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Braswell processor, the KPPC series can power multimedia contents for advertising and enable multiple way of user interaction for self-servicing. The KPPC series is designed with expansion flexibility and ease of use and maintenance and can maximize kiosk uptime and lower total cost of ownership (TCO) for users.

Specifications

Panel

- LCD size: 18.5", 16:9
- Resolution: 1366 x 768
- Luminance: 250cd/m²
- Contrast ratio: 1000
- LCD color: 16.7M
- Viewing angle: 80(U), 80(D), 85(L), 85(R)
- Backlight: LED

Touch

- Ten points P-Cap (projected capacitive touch)
- Light transmission: 86%
- Interface: USB
- Anti-scratch surface: 7H hardness

System Memory

- CPU: Intel® Celeron® N3060 dual processor, up to 2.48G, Cache 2 MB L2
- Memory: 1 x DDR3L 1600MHz SO-DIMM, up to 8GB, non-ECC, un-buffered
- Graphics: Intel® HD Graphics 400
- BIOS: AMI BIOS
- Expansion: 1 x mini-PCIe, 1 x M.2 (2280)

Storage Device

- 1 x 2.5" SATA SSD 6.0Gb/s
- 1 x M.2 M-key (2280)

Power Requirements

- Single power 12V DC input

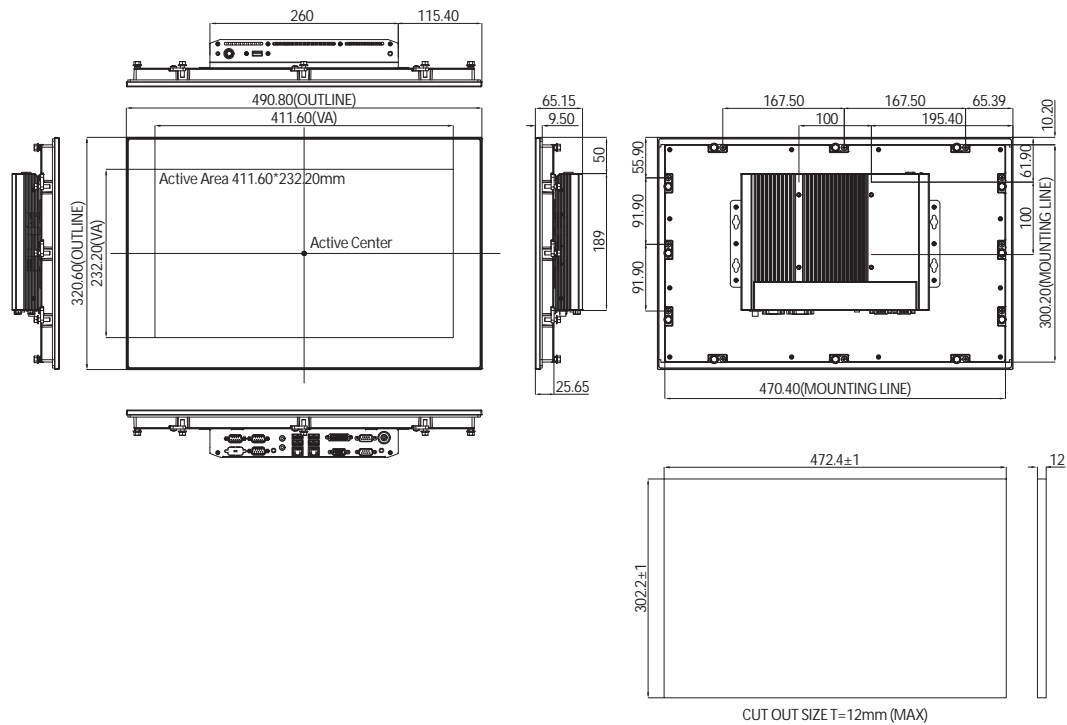
Front I/O

- Power on/off button
- 1 x USB 2.0

Rear I/O

- 2 x GbE LAN Realtek RTL8111G
- 4 x USB 3.0
- 1 x DVI-D
- 1 x VGA
- 4 x RS232
- 1 x RS232/422/485
- 1 x HD AUDIO Line-out/Line-in/Mic-in
- 1 x 12V DC-in lockable power jack

Dimension Drawing



Mechanical & Environment

- IP protection: IP65 panel front side
- Mounting: panel/wall/VESA 100mm x 100mm
- Operating temperature: 32°~122°F (0°C~50°C)
- Storage temperature: -4°F~140°C (-20°C~60°C)
- Operating humidity: 10%~90% relative humidity, non-condensing
- Dimension: 490.80 x 320.60 x 65.15 (W x H x D) (mm)
- Weight: 6.8kg

Operating System

- Windows 10 IoT 64-bit
- Windows 8.1 64-bit
- Windows 7 32/64-bit

Certificate

- EMC & Safety
- CE/FCC Class A

Ordering Information

Barebone

- **KPPC 1821A (P/N:10YK0182100X0)**
18.6" LED backlight touch panel PC with Intel® Celeron® N3060 processor, w/ VGA and DVI-D, 2 x GbE LAN, 4 x USB 3.0, 1 x USB 2.0, 5 x Serial port, 1 x Line-out, 1 x Mic-in
- **12V 60W power adapter w/o power cord**
- **2 x SSD bracket (P/N:5061700832X00)**

Options

- **Memory DDR3L 1600MHz**
4GB (P/N:729BM04G18X00/729BM04G60X00)
8GB (P/N:729BM08G10X00/729BM08G28X00)
- **2.5" SSD SATA 6.0Gb/s**
64GB (P/N:73SE064G40X00/73SE064G42X00)
128GB (P/N: 73SE128G38X00/73SE128G47X00)
256GB (P/N: 73SE256G14X00/73SE256G22X00)
- **M.2 2280 SSD SATA 6.0Gb/s**
MLC 64GB (P/N: 73ND064G03X00)
- **12 x Panel mounting clips (P/N:88YK0212100X0)**