



## Main Features

- Intel® 6th Gen Core™ i LGA1151 35W processors
- (1366 x 768), P-Cap multi-touch display
- Support rich I/O, 2 x GbE LAN, 2 x COM, 5 x USB etc.
- Mounting support: panel/wall/stand/VESA
- Metal housing with robust aluminum IP65 compliant front bezel for harsh environment
- Fanless design

## Product Overview

NEXCOM has released the Kiosk Panel PC KPPC 1814B to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Skylake 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: 250 cd/m
- 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

- CPU: Intel® 6th Skylake Sockets supported FCLGA1151 35W processors
- Memory: Dual DDR4 2133MHz SO-DIMM, up to 16GB, non-ECC, un-buffered
- Graphics: Intel® HD graphics 630
- BIOS: AMI BIOS
- Watchdog Timer 1~255sec./min programmable.
- Expansion: 1 x half mini-PCIe, 1 x PCIe 2.0 (Gen2)

### Storage Device

- 1 x 2.5" SATA SSD 6.0Gb/s
- 1 x Full mini-PCIe (mSATA)

### Power Requirements

- Single power 12V DC input

### Front I/O

- Power on/off button
- 1 x USB 2.0

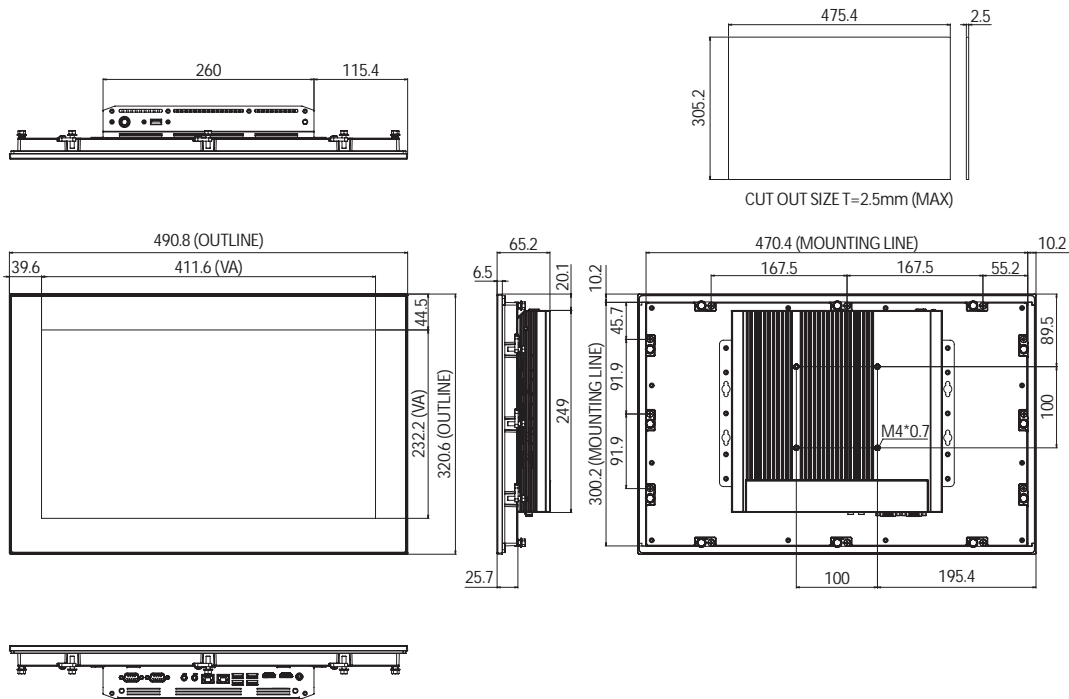
### Rear I/O

- 2 x GbE LAN Realtek RTL8111G
- 4 x USB 3.0
- 2 x HDMI (HDMI output either one)
- 1 x RS232
- 1 x RS232/422/485
- 1 x Line-out
- 1 x Mic-in
- 1 x 12V DC-in power jack

### Mechanical & Environment

- IP protection: IP65 panel front side
- Mounting: panel/wall/VESA 100mm x 100mm
- Operating temperature: 32°F~113°F (0°C~45°C)
- Storage temperature: -4°F~140°F (-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: 8.0kg

## Dimension Drawing



### OS Support Lists

- Windows 10 IoT 64-bit

### Certifications

- EMC & Safety
- CE/FCC Class A

## Ordering Information

### Barebone

- **KPPC 1814B (P/N: 10YK0151400X0)**  
18.5" LED backlight touch panel PC with Intel® FCLGA1151 35W, w/ 2 x HDMI, 2 x GbE LAN, 4 x USB 3.0, 2 x serial port, 1 x Line-out, 1 x Mic-in
- **12V, 84W power adapter w/ o power cord (P/N: 7400084003X00)**

### Options

- Intel® Pentium® G4400TE (3M Cache, 2.4GHz), 2C/2T, 35W (P/N: 711X02GTM4X00)
- Intel® Pentium® G4600TE (3M Cache, 2.4GHz), 2C/4T, 35W (P/N: TBD)
- Intel® Core™ i3-6100TE (4M Cache, 2.70 GHz), 2C/4T, 35W (P/N: 711X02GTM3X00)
- Intel® Core™ i5-6500TE (6M Cache, up to 3.30 GHz), 4C/4T, 35W (P/N: 711X02GTM1X00)
- Intel® Core™ i7-6700TE (8M Cache, up to 3.40 GHz), 4C/8T, 35W (P/N: 711X02GTM2X00)
- Intel® Core™ i3-7101TE (3M Cache, 3.40 GHz), 2C/4T, 35W (P/N: 711Y03GTM3X00)
- Intel® Core™ i5-7500T (6M Cache, up to 3.30 GHz), 4C/4T, 35W (P/N: 711Y03GTM2X00)
- Intel® Core™ i7-7700T (8M Cache, up to 3.80 GHz), 4C/8T, 35W (P/N: 711Y03GTM1X00)