



## Main Features

- ♦ Quad core Intel® Celeron® processor J1900 2GHz
- ♦ 18.5" WXGA (1366 x 768) P-cap zero bezel touch display
- ♦ 2MP front webcam with autofocus
- ♦ 4GB of DDR3L SO-DIMM memory
- ♦ 500GB 2.5" SATA HDD
- ♦ Ultra slim 64.5mm
- ♦ VESA mounting (100 x 100mm)
- ♦ 24VDC 120W Power brick

## Product Overview

NEXCOM has released the Kiosk Panel PC KPPC 1812 to help build a smart future-proof kiosk that can evolve with changing needs of retail and hospitality industries. Based on Intel® Celeron® J1900 processor, the KPPC 1812 can power multimedia contents for advertising and enable multiple ways of user interaction for self-servicing. The KPPC 1812 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

### System Processor

- ♦ Motherboard: NP-BYT0-A/NC-DK0-A
- ♦ Processor: Intel® Celeron® J1900 processor, 4C, 2.0GHz, 2MB cache
- ♦ System memory:
  - 1 x DDR3L 1333 SO-DIMM
  - Default: 1 x SO-DIMM DDR3L 1333 4GB
  - Optional: 1 x SO-DIMM DDR3L 1333 8GB
- ♦ Graphics: integrated graphics controller, Intel's Gen. 7 graphics and media encode/decode engine

### LCD Touch Screen

- ♦ LCD Size: 18.5" TFT WXGA (1366x768) 250cd/m² LCD panel
- ♦ Touchscreen: 18.5" projected capacitive touch panel

### Storage Device

- ♦ 1 x 2.5" SATA HDD 500GB w/ HDD door

### Expansion

- ♦ 1 x Full size mini-Card slot (mini-PCIe/USB/3G SIM slot)
- ♦ 1 x Half size mini-Card slot (mini-PCIe/USB)

### Rear I/O

- ♦ Serial (4):
  - 2 x RJ-50 powered RS-232 (COM1, COM2, adjust RI/5V by BIOS setting)
  - 1 x RJ-50 powered RS-232 (COM3, adjust RI/ 12V by BIOS setting)
  - 1 x RJ-50 powered RS-232/422/485 (COM4, adjust RI/12V & RS232/422/485 by BIOS setting)

- ♦ USB (2/2): 2 x USB 2.0; 2 x USB 3.0
- ♦ Parallel: 1 x DB-25 parallel port
- ♦ LAN: 1 x RJ-45 (10/100/1000Mbps Ethernet)
- ♦ VGA: 1 x DB-15 VGA port for 2nd display
- ♦ Cash drawer port: 1 x RJ-11, support two cash drawers (24V, Max 1.1A)
- ♦ DC-in Jack: 1 x DC-24V input
- ♦ DC-out Jack: 1 x DC-12V output for 2nd display power (12V, Max 3.0A)
- ♦ Line-out/Mic: 1 x Line-out for External Audio speaker & Mic-in

### Web Camera

- ♦ 1 x Build-in 2M autofocus webca, USB interface

### Audio

- ♦ 1 x System buzzer

### System Control

- ♦ 1 x Power ON/OFF switch

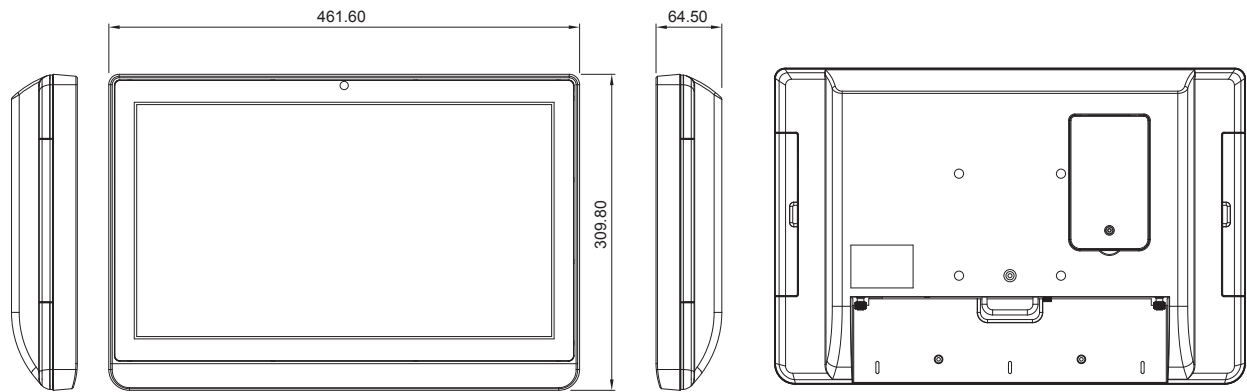
### Power

- ♦ Default: external AC DC 24V/5.0A 120W power brick
- ♦ Optional: upgrade to DC-24V 180W power brick

### Environment

- ♦ Operating temperature: 0°C to 40°C (32°F ~ 104°F)
- ♦ Storage temperature: -20°C to 60°C (-4°F ~ 140°F)
- ♦ Operating humidity: 20% to 80% RH non-condensing
- ♦ Storage humidity: 20% ~ 85% RH non-condensing

## Dimension Drawing



### Dimension

- Display head: 461.6mm (W) x 309.8mm (H) x 64.5mm (D)
- Package size: 585mm (L) x 235mm (W) x 450mm (H) (no MSR)

### Weight

- Net weight/gross weight: 9.0kg (19.8lbs)/10.5kg (23.2lbs)

### Operating System

- Windows 8
- WES 8
- POSReady 7
- Win 7 Pro
- WES 7
- Fedora 17
- TIZEN

### Certificate

- EMC & Safety
- FCC/CE/LVDS

## Ordering Information

### ♦ KPPC 1812-010 (P/N: 10YK0181200X0)

- CPU: Intel® Celeron® J1900 processor, 4C, 2.0 GHz, 2MB cache
- LCD/touch: 18.5" TFT WXGA (1366x768) 250 cd/m² LCD panel/  
projected capacitive zero bezel touch
- Memory: 4GB DDR3L SO-DIMM
- HDD: 500GB 2.5" SATA
- Power: DC-24V/120W power brick
- Color: black
- Web camera: build-in 2M autofocus web camera