# PDSB 6120

## Main Features

## Product Overview

PDSB 6120 is an Intel® Core™ 2 Duo L2400 based digital signage player pre-loaded with user-friendly digital signage software, the PowerDigiS, targeting for advanced in-vehicle digital signage applications. PDSB 6120 is enclosed in a compact chassis with low power consumption and is with special design to withstand high vibration, extreme temperature variation, and dynamic power supply voltage vehicle working environment. PDSB 6120 is capable to layout display into multiple rectangle zones and play rich multimedia contents on each zone in accordance with user defined schedule table. Integrated with state-of-art power ignition function, GSP, and optional 3.5G radio network connectivity, PDSB 6120 works perfectly for increasing digital signage applications for dynamic message delivering, advertising, or brand promotion within vehicle cabin, such as train, bus, taxi, or subway.

## Presentation Design Tool

The presentation design tool is one of the most valuable parts of the PowerDigiS software. It helps digital signage content creator on intuitive operations to ease the output of presentation to the player. The tool provides quick screen layout design function. The screen layout can be saved as template for reuse. The tool provides an easy drag and drop method to organize contents in playlist and associate playlist to each zones in the screen layout. The tool provides handy preview function for individual content files and final presentation. The presentation design tool also integrates easy upload function to publish presentation design to removable media, central management server, or player.

## User's Benefits

- Seamless hardware and software integration for operation reliability
- Flexible display configuration
- Presentation design is simple and intuitive
- Presentation publish and scheduling is easy
- Presentation content support is rich and versatile
- Self-contained device for easy deployment

NEXCOM

# Software Specifications

## Content Source
• Local disk or network server

## Video File Format
• MPEG 1/2/4, AVI, WMV, DivX, XVID, VOB, MOV VC-1, H.264, rm, rmvb

## Flash File Format
• SWF, FLV

## Picture File Format
• JPG, BMP, PNG, ICO, ICP, GIF, TIFF, WMF

## Sound Format
• MIDI, MPEG-1-Audio LayerII (MP2), mp3, SND, M4A, AAC, wav, wma, ogg, ra

## Web/Data
• Web URL
• Text files
• RSS news feed

## Screen Support
• Single display, or two clone displays
• Portrait or landscape orientation
• Presentation can be segmented to different screen layouts
• Up to 9 display zones in each screen layout

## Playing Effect
• Scrolling text and emergency message
• Image transition effect
• Multiple languages

## Content Throughput
• Up to 2 x HD video zones, or 1 Full HD video zones
• Multiple shockwave flash, pictures, and scrolling text zones

## Management Function
• Web-based management with password access control
• Multilingual management interface
• Presentation management
• Presentation scheduling
• System event log
• Presentation playing log
• Presentation play/pause/stop control function
• System reboot, shutdown, firmware upgrade

## Presentation Design
• Presentation layout and playlist editing function
• Presentation and content file preview function
• Presentation publish function

## Operating System
• Ubuntu Linux

# Hardware Specifications

## Storage Device
• 320GB SATA HDD

## I/O Interface
• 1 x VGA, 1 x DVI-D, 1 x DB26 LVDS
• 2 x Audio Line-out
• 3 x USB
• 1 x RJ45 with LEDs for 10/100/1000Mbps Ethernet
• 2 x DB9 for RS-232

## Power Supply
• Input : +9~36VDC
• Output : +5V/+12VDC
• Programmable low voltage protection threshold
• Programmable 8-level Power On/Off delay time

## Dimensions
• 260mm (W) x 176mm (D) x 50mm (H)
  (10.2" x 7" x 2") w/o mounting bracket

## Environment
• Operating temperature : ambient with air flow from -10°C to 45°C
• Storage temperature : -20°C to 80°C
• Humidity : 10 to 90% (non-condensing)

## Certification
• CE approval
• FCC Class A
• e13 Mark

# Ordering Information

• **PDSB 6120 (P/N : 10B0B612000X0)**

• **Optional Accessories**

| Part No. | Description |
|---|---|
| 10VK0006006X0 | VTK60-WLAN-02, Mini-PCIe WLAN kit (QCOM Q802XKN, w/antenna & cable) |
| 10VK0006000X0 | Sierra MC8790V, GPRS/UMTS/HSDPA, w/internal cable and antenna with packing |
| 10Z00330200X0 | NAK 3302, GSM/GPRS Mini-PCIe module |