

ARM Embedded Computer Products

➤ **(WinCE 6.0) Product Series [ARM11 CPU]**

- ✓ **PCB0A100 CPU Module**: For customers who will design their own custom base board
- ✓ **EC1400 Single Board Computer**: 3.5"~10.1" WinCE 6.0
- ✓ **NSD1400 Smart Display**: Open frame smart display

➤ **(Android/Linux) SBC2100 Computer Board [Cortex-A9 CPU]**

- ✓ Time to market solution for your product development

➤ **(Android/Linux) EC2100 Embedded Computer [Cortex-A9 CPU]**

- ✓ 7", 10.1" touch panel computer (with aluminum case)

➤ **(Android/Linux) NSD2100 Smart Display [Cortex-A9 CPU]**

- ✓ 5"~22" touch panel computer (open frame)

Products(I)- Windows CE 6.0 Products

- EC1400 Series (Enclosure) / NSD1400 Series (Open Frame) / PCB0A100 (CPU module)
- Features:
 - ✓ 3.5" / 4.3" / 7" / 8" / 10.1" LCD with touch screen
 - ✓ 10/100 Ethernet / Optional WiFi / GPIO / RS232 / RS485
 - ✓ Complete **WinCE 6.0** development environment enables rapid system development

EC1403 (320x240)

EC1404 (480x232)



EC1407 (800x480)

EC1408 (800x600)

EC1410 (1024x600)



NSD1403 (320x240)

NSD1404 (480x232)

3.5" inch front



4.3" inch front



NSD1407 (800x480)

NSD1408 (800x600)

NSD1410 (1024x600)

7" inch



10.1" inch

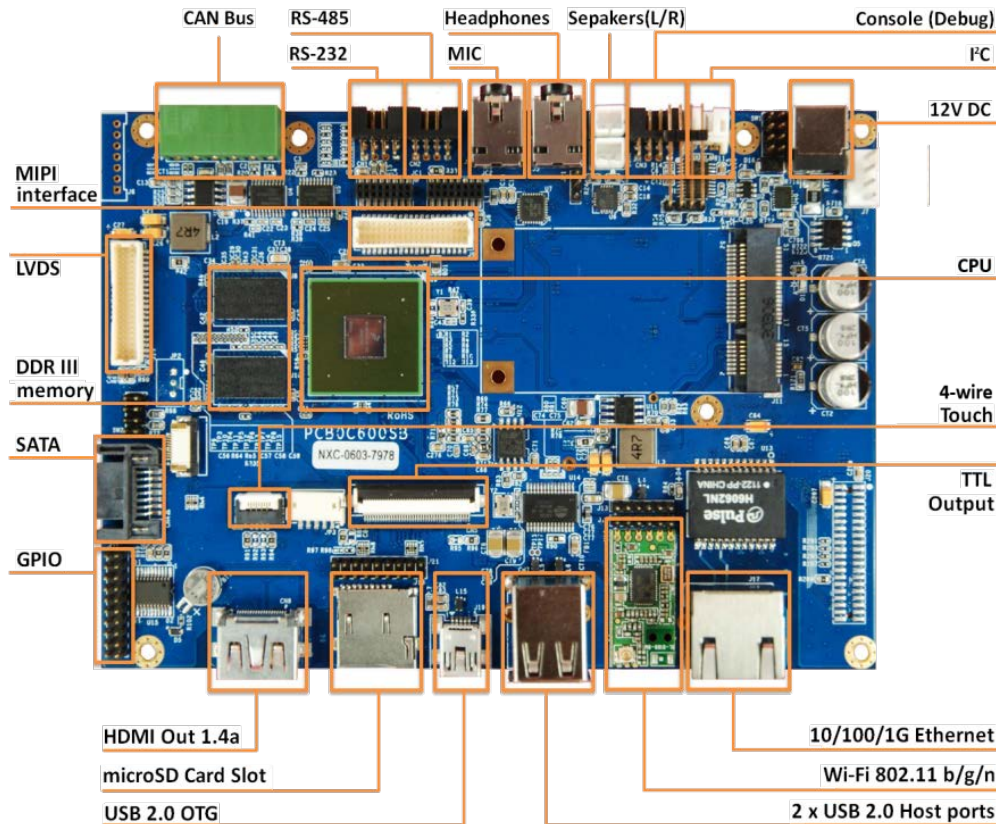


CPU Module:
For customers to
build their own
custom base boards



Products(II)- Single Board Computer

- Support [Android and Ubuntu](#)
- High Performance (Freescale iMX6 Dual Cortex-A9) & compact (101x146mm) Computer Board
- Multiple display interfaces: TTL, LVDS, HDMI
- Rich I/O interfaces (USB2.0, GPIO, Gb Ethernet, I2C, RS232, RS485, CAN bus..etc)
- 9V~36V wide range power input and (optional) over voltage protection



Typical Applications

- ❑ Digital signage
- ❑ POS, KIOSKs
- ❑ Gaming devices
- ❑ Machine control
- ❑ Data logger
- ❑ Vehicle Infotainment
- ❑ Industrial Equipment



Products(III)- EC2100 vs NSD2100

- EC2100 (Aluminum enclosure) vs. NSD2100 (Open frame)
- High Performance (iMX6 Dual Cortex-A9) processor supports [Android and Ubuntu](#)
- LCD Display: from 5" (800x480) to 22" (1920x1080) full HD
- Touch Screen : Resistive / Capacitive / IR
- Rich I/O interfaces (USB2.0, GPIO, Gb Ethernet, I2C, RS232, RS485, CAN bus..etc)
- 9V~36V wide range power input and (optional) over voltage protection
- (Optional) NTSC/PAL AV-IN module , (Optional) 4xCOM port module

NSD2105WV (800x480)

NSD2107WV (800x480)

NSD2110WX (1280x800)

NSD2115XG (1024x768)

NSD2122FD (1920x1080)



EC2107WV (800x480)

EC2110WX (1280x800)

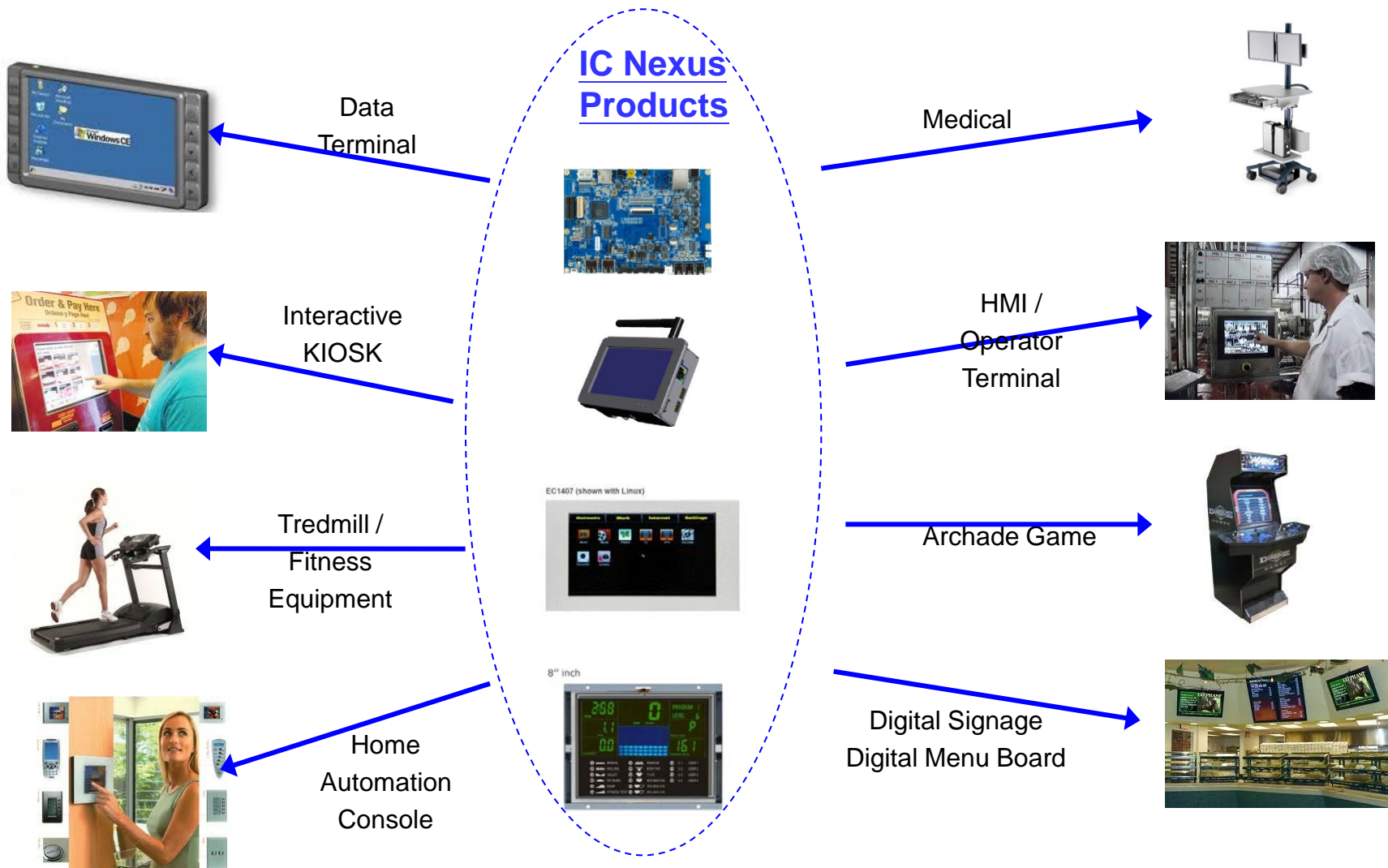


Typical Applications

- ❑ Digital signage
- ❑ POS, KIOSKS
- ❑ HMI
- ❑ Vehicle Infotainment
- ❑ Industrial Equipment
- ❑ Home Automation Console



Customer Applications



Product Roadmap

CPU Module

PCB0A100
 -- 700Mhz ARM11
 -- 1080p decoder
 -- Linux/WinCE/Android

SBC (Single Board Computer)

SBC1400
 -- 700Mhz ARM11
 -- 1080p decoder
 -- Linux/WinCE/Android

SBC2100
 -- iMX6 Dual/Quad Cortex-A9
 -- Android/Linux

SBC2300
 -- iMX6 Quad Core
 -- 3x Gb Ethernet ports
 -- Digital/Analog I/O
 -- Android/Linux

EC (Embedded Computer)

EC1400
 -- 700Mhz ARM11
 -- 1080p decoder
 -- Linux/WinCE/Android

EC2100 Computer
 -- Dual/Quad Cortex A9
 -- Android/Linux
 -- 7" ~ 10.1" LCD

WinCE 7.0 OS
 -- SBC2100
 -- EC2100
 -- NSD2100

NSD (Smart Display)

NSD1400
 -- 700Mhz ARM11
 -- Linux/WinCE/Android
 -- 3.5" ~ 10.1" LCD

NSD2100 Display
 -- Dual/Quad Cortex A9
 -- Android/Linux
 -- 7" ~ 24" TFT LCD

iMX7
 -- Dual Core Cortex-A7
 -- Android/Linux
 -- IoT, Handheld

iMX8
 -- Quad Cortex-A53
 -- Android/Linux
 -- Telematics, SBC
 -- HMI, Digital Signage
 -- Smart Display

Now

2014

2015