S5PV210 MID Overview

S5PV210/S5PC100 MID

The **S5PV210 MID** is a full-featured computer board, designed specifically for Mobile Internet Device implementations. The MID owns a cost-effective, low-power capabilities, high performance and general applications. The MID provides a complete of common system peripherals like USB OGT, HDMI, TF slot, I/O ports, stereo speaker, Earphone out and MIC. Yet, it is designed to serve custom implementations, retaining the flexibility expected from an embedded computer board. Available with an optional display, battery with charger, the MID offers a self-contained solution requiring just an enclosure for implementing the final custom product

The feature set of the board combines a 32-bit CPU Samsung ARM Cortex-A8 S5PV210 , SDRAM, Flash Disk and vital computing peripherals. On-board wireless interfaces include WiFi, cellular Voice/3G modem. The last interface enables the device to act essentially as a customized Mobile Internet Device.

The board has several connectors and slots as used in MID's and also an internal extension connector for application-specific add-on's. Ready-to-run Android2.1/2.2 and Windows CE6.0 packages are available from Boardcon.

Highlights:

CPU	Samsung S5PC100/S5PV210
	ARM Cortex-A8, up to 833MHz/1GHz
Operation system	Google ANDRIOD2.1/2/2
Memory	DDR2 256MB, 512MB optional
Storage Device	2GB NAND Flash , 4GB/8GB/16GB optional
	TF Slot, supports up-to 32GB
LCD Size	7Inch TFT LCD, 8"/10" Optional
	Resolution-800x480, 800x600 and 1024x600
Touch Screen	Resister Touch Screen, Capacitive multiple-touch screen
WIFI	Supports IEEE 802.11b/g
Camera	30w-130w pixels digital camera (optional)
Battery type	Rechargeable 3000mAh polymer battery
USB	USB OTG 2.0
Speaker	2x1W stereo Speaker, Earphone out and MIC
G-Sensor	Supports LCD rotating, 3D games

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3G moudule	Evdg, WCDMA,TD-SCDMA and CDMA2000
HDMI	HDMI v1.3 720p/1080p @30fps
I/O ports	Mini USB.2.0., T-FLASH, 3.5mm headphone, build-in michophone
Multimedia video	(1280 X 720) MKVH.264 HP, AVI, RM/RMVB, FLV, MPEG-1,2; Online video playback support for browsing the web, FLV download play a unique online web video technology (720P)
Music	MP3/WMA/APE/FLAC/AAC/AC3/WAV
On line chat	MSN/QQ/SKYPE/GTALK/LUMAQQ/ICQ
E-book	PDF/TXT/CHM/DOC/EXCEL
PIC	JPEG/BMP/GIF/PNG/TIFF
Power Input	9V/2A

Functions:

Operating system	Android2.1/2.2
Browser	internet Explorer
E-Mail	softmaker E-Mail
chat software	MSN,QQ
Document Management	with the local file management
office software	WORLD, EXCEL, PPT, PDF, Wordpad
Tool	Calculator, Clock
image	support JPF/BMP format
Audio	support MP3/WMA format
video	supportRM/RMVB/MP4/AVI/3GP
E-book	support TXT formate
system settings	sound, backlight, language, date, time, volume, system information
Language	Simplified Chinese, Traditional Chinese, English and so on
Fire-ware upgrade	By TF card

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More pictures about the MID

- **PCBA**

- **Enclosure for the MID**

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● **Side of the MID**

● **Rear side of the MID**

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- **Application**

- **3D Game**

- **Website**

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