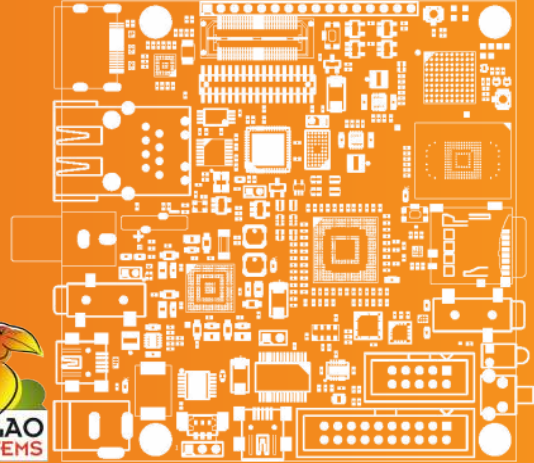


# SNOWBALL

Product and software development kits for leading-edge mobile innovation

In partnership with Calao Systems, ST-Ericsson proudly offers the most advanced, powerful, complete and low-cost mobile development platform. The development platform is based on the Nova™ line of application processors.



1GByte LP-DDR2



4/8GByte e.MMC

Snowball is a low-power, low-cost single board computer based on the ST-Ericsson Nova™ A9500 processor (Dual Cortex A9 and Mali 400 GPU). Snowball enables hobbyists and professional developers to prototype new embedded designs and applications for Android and Ubuntu.

The Snowball development board is designed and produced by Calao Systems and is not an ST-Ericsson product

[www.stericsson.com](http://www.stericsson.com)





## SPECIFICATIONS

- ARM Dual Cortex A9 with NEON @ 1GHz
- ARM Mali 400-1 @ 400MHz
- 4/8GByte e.MMC
- 1GByte LP-DDR2
- Micro-SD
- HDMI 1.4, Full HD, 3D capable
- CVBS Video OUT
- Analog Audio OUT
- Analog Audio IN
- Serial Port (RS232/Over USB)
- Ethernet 10/100Mbps
- USB OTG HS (480Mbps)
- IEEE 802.11 b/g/n WLAN
- Bluetooth 4.0/BLE (excluding antenna)
- GPS (excluding antenna)
- 3-axis Accelerometer
- 3-axis Magnetometer
- 3-axis Gyrometer
- Pressure sensor
- Three Expansion Connectors (FSMC, Audio, MiPi CSI Camera, MiPi DSI LCD, HSI, UART, SPI, I<sup>2</sup>C, and GPIO)
- JTAG Connector
- MiPi Debug Connector
- DC IN 5V
- Li-Ion Battery Charger
- RTC Battery Backup

Order number	Type
DK9500SNO10-STA	The Software Development Kit, not usable in a product
DK9500SNO10-PRO	The Product Development Kit, usable as a module in product



[www.igloocommunity.org](http://www.igloocommunity.org)

© ST-Ericsson, 2011 - All rights reserved.  
 ST-Ericsson and the ST-Ericsson logo are trademarks of the ST-Ericsson group of companies or used under a license from STMicroelectronics NV or Telefonaktiebolaget LM Ericsson.  
 All other names are the property of their respective owners.  
 For more information on ST-Ericsson, visit [www.stericsson.com](http://www.stericsson.com)

