

# PROCESSOR

# Features

CPU	<ul style="list-style-type: none"><li>• Dual-core ARM Cortex™-A7 Processor</li></ul>
Memory	<ul style="list-style-type: none"><li>• Supports DDR3 /DDR3L/LPDDR2/LPDDR3 SDRAM</li><li>• eMMC 5.0, SD 2.0 compliant</li></ul>
Display	<ul style="list-style-type: none"><li>• Supports 5-bit E-INK LCD</li><li>• Supports E-INK engine up to 2332x1650@100 Hz</li></ul>
Wi-Fi	<ul style="list-style-type: none"><li>• Supports 802.11 b/g/n protocol</li><li>• Full security support: WPS, WPA, WPA2, WEP, TKIP</li></ul>
Integration	<ul style="list-style-type: none"><li>• Supports USB 2.0 OTG, UART, TWI</li></ul>
Package	<ul style="list-style-type: none"><li>• FBGA 335 balls, 13 x 13 mm, 0.65 pitch</li></ul>

## ABOUT ALLWINNER

Allwinner Technology is a leading fabless design company dedicated to smart application processor SoCs and smart analog ICs. Its product line includes multi-core application processors for smart devices and smart power management ICs used by brands worldwide.

With its focus on cutting edge UHD video processing, high performance multi-core CPU/GPU integration, and ultra-low power consumption, Allwinner Technology is a mainstream solution provider for the global tablet, internet TV, smart home device, automotive in-dash device, smart power management, and mobile connected device markets. Allwinner Technology is headquartered in Zhuhai, China.

## CONTACT US

For more product info, please contact [service@allwinnertech.com](mailto:service@allwinnertech.com), or scan the QR code to follow us on Wechat.

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