

China Mobile Launches Its Self-Branded 4G LTE Mobile Hotspot Powered By Marvell's ARMADA Mobile PXA1802 Multimode 4G LTE Platform

The China Mobile CM408 4G LTE mobile hotspot enables mobile broadband connectivity to laptop computers, tablets and legacy handsets through China Mobile's ever expanding LTE network

SANTA CLARA, Calif. and LAS VEGAS, Jan. 3, 2014 /PRNewswire/ -- [Marvell](#) (Nasdaq: MRVL) today announces that China Mobile launches its self-branded 4G LTE mobile hotspot powered by Marvell's ARMADA® Mobile PXA1802 multimode 4G LTE platform. The China Mobile CM408 4G LTE mobile hotspot enables mobile broadband connectivity to laptop computers, tablets and legacy handsets through China Mobile's ever expanding LTE network. China Mobile, the world's largest mobile operator with over 760 million mobile subscribers, selected Marvell's PXA1802 because of its superior performance. Marvell is committed to delivering cost-effective worldwide 4G LTE connectivity with Smartphones ranging from flagship to [1000RMB \(approximately \\$160 US dollars\) mass market models](#). Leveraging Marvell's PXA1802, the CMCC CM408 4G LTE Mobile Hotspot supports multiple global access configurations including Time Division-Synchronous Code Division Multiple Access (TD-SCDMA), Frequency Division Duplex-Long Term Evolution (FDD-LTE), and Time Division Duplex-Long Term Evolution (TDD-LTE) and Enhanced Data for the GSM Environment (EDGE). This new device also features Marvell's Avastar® 88W8787 IEEE802.11n Wireless Local Area Network (WLAN) and 88PM801 Power Management Unit (PMU). To enjoy the speed of 4G LTE data communication networks, consumers can easily connect their Wi-Fi enabled devices such as laptop computers and tablets to the Internet through the 4G Mobile Hotspot.

(Logo: https://investor.marvell.com/image/Marvell_logo.jpg)

"I am very proud that Marvell is able to support China Mobile, the largest mobile operator in the world, in launching its self-branded 4G LTE Mobile Hotspot powered by our ARMADA Mobile PXA1802 platform. Marvell's industry leading 4G LTE solutions have enabled a wide variety of smart devices from flagship and 1000RMB mass market smartphones to mobile hotspots. I believe 2014 will be a big year for the mass deployment of 4G LTE in China and around the world," said Weili Dai, President and Co-Founder of Marvell. "To enable today's consumers with access to high-quality live content anytime, anywhere, I believe 4G LTE is becoming the mainstream technology for the 'Connected Digital Lifestyle' with high-quality, reliable, secure and high performance connectivity. I am very pleased to see Marvell's leadership, innovation and contribution to drive the global adoption of this advanced technology for better lives for all."

In addition to the Marvell PXA1802, Avastar 88W8787 WLAN and 88PM801 PMU, other key features of China Mobile's CMCC C408 include:

- 0.96 inch (128 x 64 pixel) screen
- 128MB ROM+32 MB RAM3000mAh High Capacity Battery

On Dec. 18, 2013, commercial 4G communication services began in China, bringing the most advanced telecommunications technology to the country's more than 1 billion mobile users. China Mobile's 4G LTE network was the first on the country's mainland, bringing 4G to the world's largest subscriber base.

About the Marvell PXA1802 Modem:

The **Marvell PXA1802** combines Marvell's leading silicon and cellular modem expertise to enable the design of high-performance, low-power smartphone and tablet devices that can be used and supported with configurations for TDD-LTE (Time Division Duplex Long Term Evolution), FDD-LTE (Frequency Division Duplex Long Term Evolution), TD-SCDMA (Time Division Synchronous Code Division Multiple Access), WCDMA (Wideband Code Division Multiple Access) and EGPRS (Enhanced GPRS). This multimode LTE modem chipset supports the latest 3GPP LTE Release 9 standards with Category 4 throughputs of up to 150 Mbps DL (Down Link) and 50 Mbps UL (Up Link) and Release 8 TD-SCDMA HSPA+. It integrates all of 2G, 3G and 4G mobile broadband modem technologies on a single chip, fully backward compatible with current WCDMA and TD-SCDMA networks and supporting the TDD/FDD 4G LTE network, as well as Marvell's 88RF858 high-performance multimode LTE transceiver to keep a flexible RF circuit design.

Marvell will be demonstrating its mobile LTE connectivity solutions at CES 2014 in Marvell's booth in the Venetian Hotel, Level 3 (Murano No. 3304). CES is being held in Las Vegas, NV at the Las Vegas Convention and

World Trade Center and the Venetian Hotel on Jan. 7 – 10, 2014.

About Marvell

Marvell (NASDAQ: MRVL) is a global leader in providing complete silicon solutions enabling the digital connected lifestyle. From mobile communications to storage, cloud infrastructure, digital entertainment and in-home content delivery, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services adding value to their social, private and work lives, Marvell is committed to enhancing the human experience.

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