

Fujitsu Introduces Ultra-Compact Wireless LAN Module with Antenna Diversity

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Fujitsu MBH7WLZ23 wireless module

Fujitsu Components America today announced the release of a compact, 802.11a/b/g SDIO wireless LAN module with antenna diversity, low power consumption and reduced footprint.

Fujitsu's MBH7WLZ23 wireless module provides a highly integrated communications platform for OEMs designing low-power, battery-operated wireless devices, especially where board space is very limited. This includes industrial handheld and POS terminals, portable healthcare devices, personal media devices, digital audio/visual devices, e-books, smart grid meters, and wireless meter readers.

The surface-mount module supports dual band (2.4GHz/5GHz) in a very compact package measuring just 12.0x12.0x1.8mm. Its [antenna](#) diversity enhances signal coverage, yet [power consumption](#) in 802.11g transmitter

mode is more efficient and is reduced by 50 percent in receive and idle modes, compared to existing products. It offers a maximum data rate of 54Mbps, with 18Mbps [throughput](#) under Windows CE.

Source: Fujitsu

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