

Item no.: 371724

AHM27292U - s, ,IEEE 802.11ah sub 1 GHz standalone M.2/NGFF B-key 3042

from **100,21 EUR**

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shipping weight: 0.10 kg
Manufacturer: ALFA Network

Product Description

AHM27292U is the world's first industrial WiFi HaLow™ M.2/NGFF module. The AHM27292U series of modules enables the creation of long-range, ultra-low power WiFi networks in unlicensed bands below 1 GHz and utilises the compact M.2/NGFF 3042. WiFi HaLow™ enables connectivity for many applications, including sensors and wearables. With a powerful ARM™ Cortex-A7-based SOC clocked at 528 MHz, official OpenWrt and U-Boot support, data throughput of up to 15 Mbps and a full SDK for the HaLow™ wireless SOC, getting started with this new WiFi standard is easy.

Specifications- Chipset: NXP i.MX6ULL (ARM™ Cortex-A7, 528 MHz - MCIMX6Y1CVM05AB) / Newracom™ NRC7292- RAM: 256 MB DDR3L- Flash/Memory: 32 MB QSPI NOR Flash / optional 2, 4, 8 GB eMMC- Frequency: 847 MHz (TW) / 866 MHz (EU) / 915 MHz (US) / 922 MHz (KR) / 924 MHz (JP)- Modulation: OFDM with BPSK, QPSK, 16QAM, 64QAM- Transmission rate: 150 Kbps ~ 15 Mbps- Channel bandwidth: 1/2/4 MHz- Antenna connector: 1x IPEX4/MHF4- Interfaces: USB2.0 / UART- LEDs: 1 x TX / 1 x RX / 1 x Status / 1 x WLAN- Form factor: M.2/NGFF B-key 3042- Dimensions (LxWxH): 30 x 42 x 4 mm- Software: Officially supported software is OpenWrt (Linux Kernel 5.10+) / U-Boot 2021.x / Newracom™ SDK- Operating humidity: to be announced- Operating temperature: to be announced

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

