

OWM0131TCH - Complete IoT Coverage With Wi-Fi 6 EasyMesh™

The OWM0131TCH is a state-of-the-art Dual-Band Wi-Fi 6 IoT Gateway. Provides maximum reach Wi-Fi 6 Integrated 4x4 high-power front-end modules to eliminate bottlenecks. Separate 2.4GHz and 5GHz radios for full duplex operation. Provides excellent coverage for load balancing and QoS tasks to improve the user experience along with world class security provisioning.

ETHERNET

Two GigE for LAN front or backhaul. Option to use one for WAN connectivity. 2x1 Gigabit Ethernet.

Wi-Fi

Dual-band concurrent Wi-Fi 6 (802.11ax):

- 2.4GHz (2x2), 5GHz (4x4) with EasyMesh™, OFDMA, MU-MIMO, High Power 4x4 Wi-Fi 6 backhaul for coverage.
- EasyMesh™ Extender, Access Point
- Wi-Fi security levels: WPA3.

NETWORKING

- Whole coverage based on EasyMesh™. with secure on-boarding

SOFTWARE

- Simple WPS based user interface with visual feedback for pairing and Extender placement.

HARDWARE

- Wi-Fi 2.4GHz
- Wi-Fi 5GHz

CPU

- Triple-core 1.5GHz ARM-A7

MEMORY

- Flash: 256MB
- RAM: DDR3 512MB

HOUSING ACCESSORIES

- Small aesthetically pleasing form factor 4,6" x 2,3"
180 x 90 mm triangular prism
- Internal Antennas
- Wall & Ceiling Mounting Options

IoT RADIO INTERFACE

- Selectable Multi-Protocol support
 - Zigbee
 - BLE (Bluetooth 5.1)
 - THREAD
 - Z-Wave
- 2.4 GHz radio operation
- TX power up to 20 dBm

