

## **TW-EAV510 Wifi 6Ax ,(4G cat 6) , Mesh, xDSL modem, router, firewall**

**Manufacturing in Finland**

**Automatic load balance between all WAN interfaces.**

Suitable for home and business and any operator connections. SIM -slot SIM size "normal" size

Internet gaming, Youtube, Netflix etc services, banking services , email, Internet surfing.

ADSL2+ and VDSL2 modem which can be used to create easily Local Area Network. Automatic ADSL2+ and VDSL2 modem, 4 x 1 Gb Ethernet, **LTE CAT 6** ,

Wlan access point 1200 Mbps 5 Ghz and 2,5 Ghz, Firewall. Compatibility: All OS and operators. Supports Freedom client apps on LAN side.

**Just choose wanted 5G or 4G module in order**

### **Technical specifications**

TW-EAV510 Wifi 6 Ax and ADSL2+ and VDSL2 modem which can be used to create easily Local Area Network

- Automatic ADSL2+ and VDSL2 modem
- 4G/5G: 700- 4000Mhz based on selected module
- 1600 Mbps WLAN 5 Ghz and 2.4 Ghz 802.11 b/g/n ac
- 4 x 10/100/1000 Mbps LAN port
- Firewall
- Layer 3 Load balance

### **4G**

- \* LTE-A Cat 6 module with M.2 form factor, optimized for eMBB and IoT applications
- \* Support DL 2x carrier aggregation and 256QAM
- \* Worldwide LTE-A and UMTS/HSPA+ coverage
- \* Multi-constellation GNSS receiver available for applications requiring fast and accurate fixes in any environment



\* Feature refinements: supports DFOTA and VoLTE

\* MIMO technology meets demands for data rate and link reliability in modern wireless communication systems

Quectel EP06 Module Specifications:

\* Form factor: M.2 package

\* Category: LTE cat 6

\* Carrier Aggregation: 2CA

\* LTE Speed: download speed up to 300Mbps

\* For Global EP06 cat 6: [Band support](#)

\* Data

- LTE-FDD: Max 300Mbps (DL), Max 50Mbps (UL)

- LTE-TDD: Max 300Mbps (DL), Max 50Mbps (UL) U

\* MTS: DC-HSDPA: Max 42Mbps (DL)

\* HSUPA: Max 5.76Mbps (UL)

\* WCDMA: Max 384Kbps (DL),Max 384Kbps (UL)

Technical details for xDSL line

VDSL2

- G.993.2 (VDSL2) protocol

- PTM and ATM mode including dual latency

- Both Annex A and Annex B including dual latency

- Profiles supported: 8a/b/c/d, 12 a/b, 17a, 30a, 35b

- US0

- Diagnostics mode/DELT

- Bitswaps, SRA and SOS/ROC

- FEXT equalized UPBO

- Dying gasp

- INM

- G.INP

- G.vector

- Virtual Noise

ADSL protocols

- G.992.5 (ADSL2+), G.992.3 (ADSL2), G.992.2 (G-lite), G.992.1 (G.DMT)

- ANSI T1.413

- ATM/PTM mode

- Annex A/L/M

- L2 power management

- Diagnostics mode/DELT
- Bitswps and SRA
- INM
- PhyR and G.INP (framing type 1)
- Virtual noise

## **VPN**

- PPTP, L2TP, OpenVPN, IPSec