

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 aps 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