VIGORTEK
NETWORKS

Custom-built, to your specs.

H880

Router for next-generation networks.

- Quad-Core AMD Embedded SoC with ECC memory.
- HW crypto acceleration allow for very fast VPNs.
- Smart Queue Management (SQM) engine.
- Integrated AC wireless*.
- SPI firewall.

The H880 features 4 AMD Jaguar cores with ECC memory, this allows it to route true gigabit rates and handle CPU intensive tasks, such as VPNs, very high-speed WiFi and others with ease.

New and current, yet proven, OS that is IPv6-ready with a wide range of feature sets to suit SMEs.

Commonly used with high-speed internet lines (like TM's UniFi 800mbps or faster), it is multi-WAN capable. Each port is served by a dedicated NIC, this allows it to do things like Link-Aggregation/Bonding.
If you have 2 x 800Mbps UniFi lines you wish to load-balance, you can use 2 ports for WANs, and bond the remaining 2 ports for a dedicated 2Gbps link between your router and switch/server, this allows you to utilize the full 1.6Gbps WAN speed you have.

The powerful quad-core processor is also ideal for very highspeed VPNs between offices/branches and road-warriors, you can expect high throughput and minimal loss of bandwidth due to encryption overhead, thanks to AES-NI support.

The H880 is also ideal for WiFi hotspot applications, where you need to provide highspeed wireless and deploy measures to prevent abuse.

The H880 platform:

- Quad-Core AMD Embedded CPU with ECC memory.
- Gigabit interfaces for current and next-gen networks.
- VPN-capable (IPSec/OpenVPN/WireGuard).
- Highly customizable firewall for complete control.
- Wireless AC or N, WPA-Enterprise capable.
- Port-based and Tag-based VLANs.
- NTP client/server.
- Dynamic DNS.
- Wake On LAN.
- SNMP (Server and Client).
- Integrated statistics and simple network graphs.
- SQM and QoS for network optimization.

Giga-WAN   Giga-LAN   Firewall   Ready

WAN Protocol
- DHCP Client
- DHCPv6 Client
- Static IP
- PPPoE
- Multi-WAN capable

Firewall
- Multi-Zone for easy segmentation
- DMZ Host, Port-forwards and Open Ports
- Source-NAT masquerading
- SYN-flood protection
- VPN Pass-through
- Custom rules (iptables)

Content Filtering
- Transparent Proxy filtering allows for:
  - URL Keyword Filter (White List and Black List)
  - Automatic/Silent redirection

Hardware Interface
- 1 x Gigabit WAN port (RJ-45)
  3 x Gigabit LAN ports (RJ-45)
  LANs and WANs are configurable
- 1 x COM port.
- 2 x USB 3.0 port
- 1 x Internal sim card slot (requires optional mPCIe LTE module)
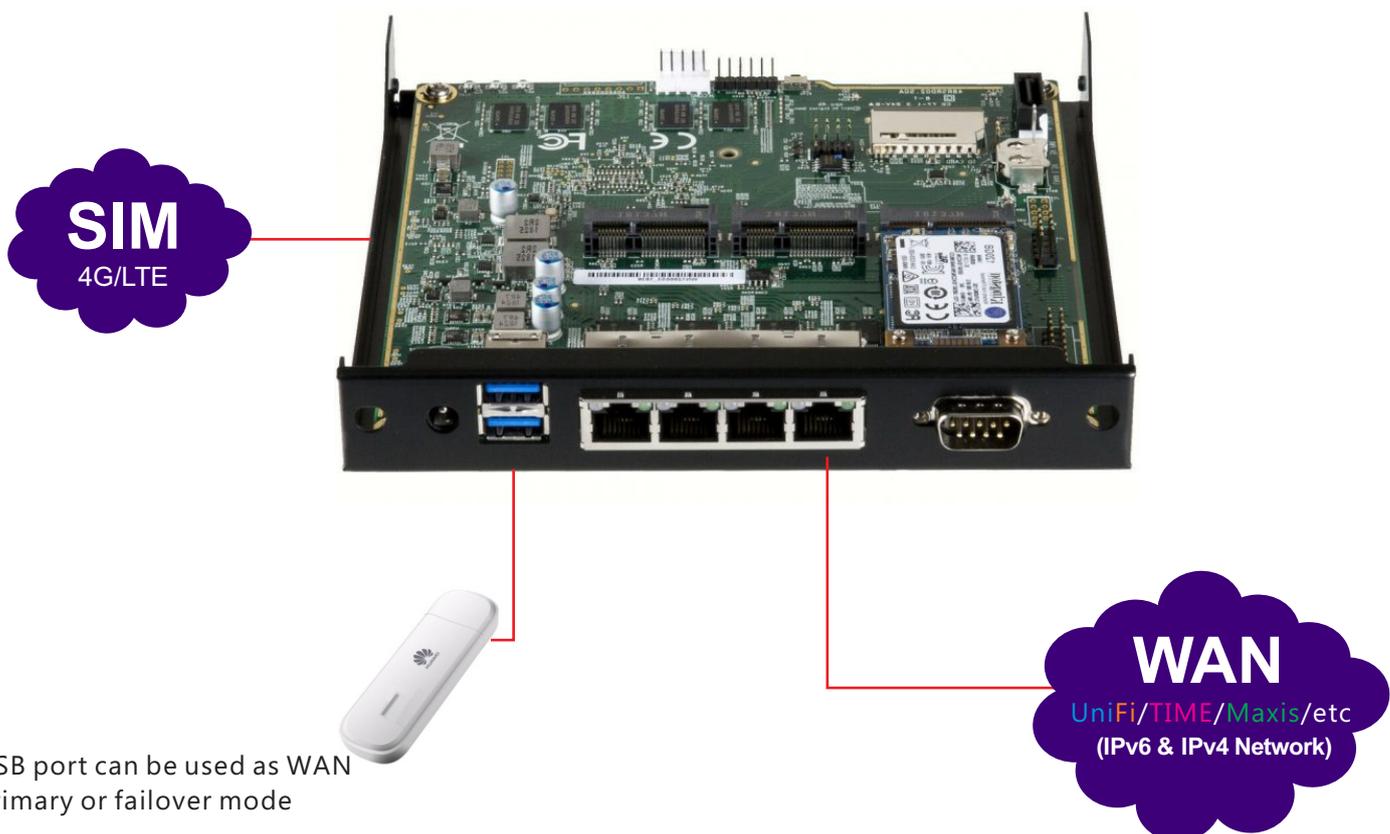
Network Features
- Router/Bridge Configurable
- DHCP Client/Relay/Server
- UPnP
- Dynamic DNS
- NTP Client/Server
- Static Routes

VPNs and other Features
- IPSec/OpenVPN/WireGuard supported
- Reports/Notifications about user activities
- Email alerts for various events (WAN up/down, load..etc)
- WiFi HotSpot (your own branding).
- Adaptive rules (ie change access rules after working hrs..)
- Long-term usage statistics (stored on SD card or remotely)

Administration/Management
- Web-based User Interface (HTTP/HTTPs)
- CLI (Command Line Interface, Telnet/SSH)
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via WebUI and SSH
- Logging via Syslog
- SNMP v1/v2
- Scheduled Tasks (crontab)

SIM
4G/LTE

WAN
UniFi/TIME/Maxis/etc
(IPv6 & IPv4 Network)

USB port can be used as WAN
Primary or failover mode

8000-2019-H880

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