

Spectrum Slicing Evo 880 Platform

ADVANCED WIFI7 FEATURES

Up to 320MHz wide channels, in-band/out-band MLO, 4K QAM, MU-MIMO and OFDMA

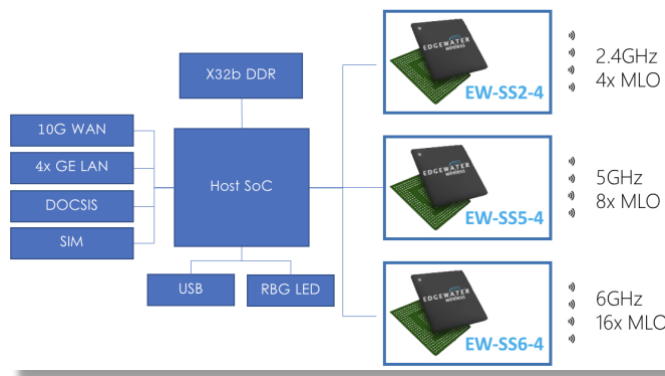
HIGHEST LINK DENSITY

Groundbreaking physical layer Spectrum Slicing delivers the highest link density on the market – using standards compliant Wi-Fi – for groundbreaking performance

IN-BAND MULTI-LINK OPERATION (MLO)

In-band and across band MLO support delivers low latency, high-throughput using real-time analytics to deliver legendary performance to next-generation applications

Engineered to deliver the highest channel / link density in the industry, the tri-band, multi-link/channel Wi-Fi7 networking platform delivers groundbreaking Wi-Fi connectivity features and functionality for residential, prosumer and enterprise applications. The world's first platform to offer a generational shift in Wi-Fi performance.

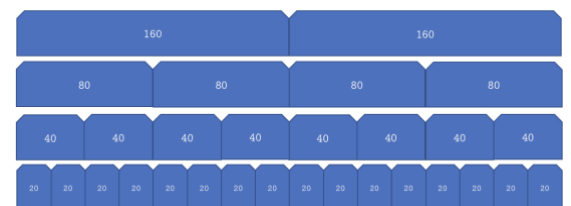


Offering granular control of spectrum utilization in the home or enterprise, Edgewater's Spectrum Slicing EVO 880 platform creates a robust platform for service delivery. Utilizing a wide-band RF front end paired with a robust DAC and our patented Spectrum Slicing digital baseband, Edgewater's solution dynamically offers 1, 2, 4, 8, or 16 link density with 320, 160, 80, 40 or 20MHz wide channels respectively. Service providers have the flexibility to provide high-burst or high-link density Wi-Fi depending on the real-time demands of the Wi-Fi environment.

- Up to 28 concurrent links/channels for future-proof scalability and optimal real-world performance
- Groundbreaking Wi-Fi standards compliant spectral efficiency
- Dual Channel Wi-Fi™ co-innovated with CableLabs, Dual Channel Wi-Fi supercharges network performance
- Intelligent Channel Association (ICA™) optimizes device and application layer performance



Wi-Fi Spectrum Slicing: Dynamic Channel Density



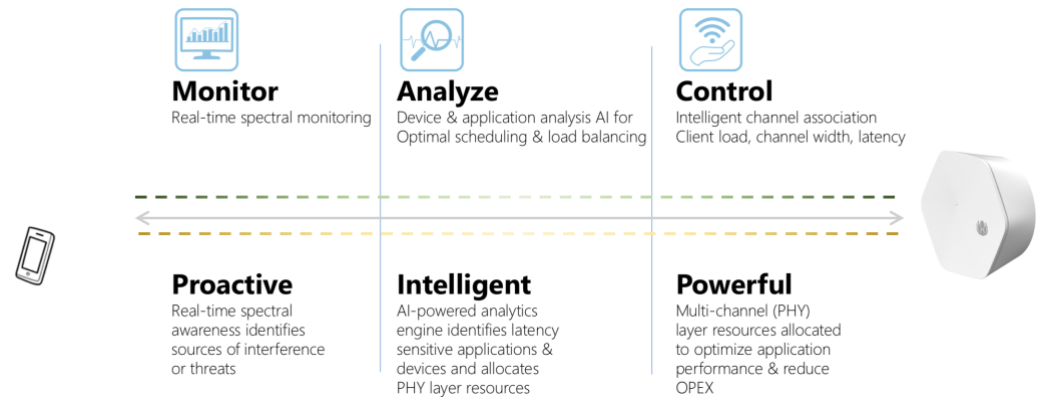
Proven:

- 50% lower latency
- 7-18 times performance gain

Over legacy, single-channel Wi-Fi solutions in the real-world for ALL devices. Finally, no need to replace all the devices in the WLAN to deliver groundbreaking performance.

Service Features and Benefits

Edgewater's Spectrum Slicing Evo 880 platform enables unparalleled flexibility and force multiples existing optimization software applications from OpenWRT to EASYmesh and proprietary implementations. More PHY for more devices.



Edgewater's Spectrum Slicing Evo 880 platform boasts both flexibility and the highest link density in the industry – creating a robust platform for service delivery in the home or enterprise – allowing for granular control of Wi-Fi spectrum in your WLAN network. Based on a wide-band RF front end paired with a robust DAC and our patented Spectrum Slicing digital baseband, Edgewater's Wi-Fi7 platform dynamically provides 1, 2, 4, 8 or 16 link density

Specifications

- **Wi-Fi Spectral Bands:** 2.4, 5 and 6GHz
- **Wi-Fi Spectrum Slicing:** Up to 4, 8 and 16 concurrent in-band channels
- **Wi-Fi Standards Supported:** Wi-Fi7/6/5/4/3/2/1
In-band Multi-Link Operation (MLO): Yes
Spatial Streams: 2, 4, 4
- **Dual Channel Wi-Fi Support:** Yes
- **Advanced Wi-Fi Features:** In-band Multi-link/channel, Multi-Link Operation (MLO), 801.11QoS, Integrated Spectral Surveillance Architecture (SSA™), PowerZoning™, Intelligent Channel Association (ICA™)
- **Security:** WPA3 Personal, WPA Enterprise, WPA3 Enhanced Open, WPA3 Easy Connect, WPA2, WPS, 802.11i security, AES-CCMP, AES-GCMP, PRNG, TKIP, WAPI2, SAPI1, WAP, WPA/WPA2-PSK, 802.11x(Radius)/EAP various
- **Temperature:** 0°C to 70°C

ORDERING INFORMATION

- EW-SS2-3:** up to 3 channel/links (2.4GHz) 80MHz Spectrum Utilization
- EW-SS2-4:** up to 4 channel/links (2.4GHz) 80MHz Spectrum Utilization
- EW-SS5-3:** up to 3 channel/links (5GHz) 80MHz Spectrum Utilization
- EW-SS5-4:** up to 4 channel/links (5GHz) 80MHz Spectrum Utilization
- EW-SS5-8:** up to 8 channel/links (5GHz) 120MHz Spectrum Utilization
- EW-SS6-16:** up to 16 channel/links (6GHz) 320MHz Spectrum Utilization

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SPECTRAL SURVEILLANCE ARCHITECTURE (SSA™)

Full band capture Integrated Spectral Surveillance Architecture provides a real-time view of the RF environment enabling world-class optimization

POWERZONING™

Dynamic, software enabled per channel power control for unprecedented control of your WLAN network

DUAL CHANNEL Wi-Fi™

Co-innovated with CableLabs, DC Wi-Fi enables one or more dedicated downlink channels supercharging Wi-Fi performance for latency sensitive applications

MULTI-CHANNEL MESH

EasyMESH force multiplied over more PHY per channel for next level performance

For more information on our products or services please visit us on the Web at: www.edgewaterwireless.com