



www.edge-core.com

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COMPANY PROFILE

Edgecore Networks Corporation is a wholly owned subsidiary of Accton Technology Corporation, the leading network ODM. Edgecore Networks delivers wired and wireless networking products and solutions from the edge to the core through channel partners and system integrators worldwide for the Data Center, Service Provider, Enterprise and SMB customers.

Edgecore provides a broad portfolio of OCP Accepted[™] open hardware including cell site gateways, aggregation switches, core routers, broadband OLTs, Server Switch, and packet optical transponders for different applications and vertical markets. Edgecore is the leader in open networking solutions, and is a key contributor to the OCP, and TIP open communities. Edgecore open network solutions remove single vendor lock in and slow technology innovations from legacy network equipment providers by offering open hardware, commercial and open-source software to service providers and network operators to tackle constantly evolving network requirements.

Headquartered in the Hsinchu Science Park in northern Taiwan, Edgecore Networks was established in 2004 and formally spun-off in 2010 into an independent subsidiary responsible for the global branded business of the Accton Technology Group (www.accton.com) with a global presence in the US, UK, Turkey, Brazil, Korea, Singapore, Japan, Indonesia and India.



OUR BUSINESS PHILOSOPHY





We always try to put ourselves in our customers' shoes. We want to understand how to help our customers succeed. We believe it is important to equip our customers with the most competitive solutions and services, so then they can then compete better against their own competitors. Our philosophy is, if our customers win, we win. We believe the key to our success is speed, great technology, and personalized support.



Proactiveness

We believe proactiveness and speed go hand in hand. Our working level team culture is self-managing and quick moving to solve or develop without needing to be micromanaged. By proactively addressing matters in our business before issues arise, or by proactively developing new innovative technologies while they are still under conceptual discussions, we can move more quickly than our competitors. Edgecore is also not afraid to experiment and try new things, whether they be new technology solutions, new business models, or new ways of operating our company.



Our teams are nimble, and we operate in an agile business manner. Our decision matrix trees internally are simple, and executive levels have visibility on all working level matters in the business. Our management teams all have had working level experience and understand various aspects of our business in different domain disciplines.



Speed and proactivity cannot succeed, without superior products and services. The product and services is the tool, and the speed and proactivity, is the rate at which we can equip our customers with these tools. By equipping our customers with the most competitive technology, our customers are better equipped to trump their own competitors. Edgecore constantly invests every year, in the development of new hardware and software technology solutions.



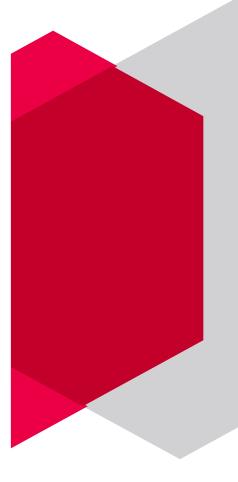
Service

In addition to superior technology and software, our customers cannot succeed without the best service. We treat our customers as if they are close family and help them achieve success faster by offering boutique and tailored professional services. We understand each of our customers' needs are different. One of our advantages is in the flexibility of our business model and flexibility of assigning specific engineering services to address our customers' different needs. We believe our customers know their business the best and know how to best compete in their market.





We believe an open product and solution environment is healthier to the entire market and all those involved. An open ecosystem will also help speed up innovation. We are not only open in our communication and business practices, but open in our technology and solution offering. We want to lower the barrier of entry to develop and purchase networking technology. We believe, networking is a fundamental right for people throughout the world, and the benefits should be made more accessible to everyone.



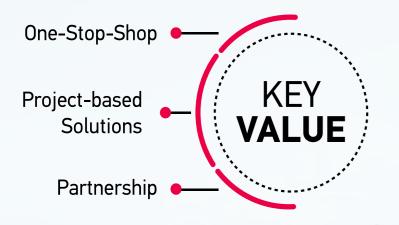




We strive to deliver the best hardware and software solutions, and to do so those solutions must be robust and carrier grade. We take quality very seriously, which is why we invest significant amounts in our continuous testing infrastructure within Edgecore, as well as spend more during hardware development to ensure our products are designed with high levels of engineering margin to account for all corner cases and variances. During issue encounters, our teams have a full Kaizen improvement plan process and analysis step to conduct root cause analysis. Our root cause analysis goes in deep detail, down to the operational aspects of our company and how we do business.

OUR COMMITMENT TO EXCELLENCE

At Edgecore, our company is committed to maintaining a high standard of quality, security, professionalism, and environmental sustainability. Our focus on creating a sustainable long-term business is not only to help our customers and employees, but also to better serve the communities, ecosystem, and partners we support worldwide.



Our flexible business model allows us to

deliver a range of options that previously

was not possible without disaggregation

and open-source software.

All Edgecore open network switches and routers support the Open Network Install Environment (ONIE) for automated loading of compatible Networking Operating Software. Various choices of commercial OS are available depending on use cases.



Best-in-class hardware - As a leader in the design of open and reliable hardware platforms, we provide leading-edge carriers, data centers, and enterprises with systems based on different switch silicon.

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Support - Support innovative solutions with the latest high-speed interconnects and specializations to deliver next-generation designs that customers demand.

Software solution



- Provide open and disaggregated software for applications and system vendors for value-added architectures.

Selective turnkey software networking solutions bundled with our reliable hardware platforms, enabling software services and applications to run over various networks and providing secure, reliable and agile business-grade performance.



Professional services

PLATINUA

Consult, implement, and deliver networking solutions directly to end customers. Provide tailored solution experiences with additional value.









CLOUD DATA CENTERS

Open networking solutions are based on open standard, bare-metal hardware with a choice of independent open software for commercial NOS (Network Operating Systems), Open Source Software SDN, virtualization, and cloud orchestration. For years, hyper-scale data center operators have been enjoying the benefits of open networking solutions: reduced network equipment expenses, automated and accelerated provisioning of network capacity and services, greater control over the development of enhanced network services, flexibility to work with best-in-class suppliers, and reduced operating expenses. These open networking benefits are now available for many more networking use cases. Public and private cloud data centers of all sizes are being deployed with network fabric built from open leaf and spine switches. Edgecore Networks offers choices of hardware to meet open network deployment, from 1G, 10G, 25G and 40G, 100G to 400G.



Platinum Level Tiered Membership - Edgecore is OCP Platinum Level Tiered Membership.



Freedom of choice - Edgecore switches support the broadest set of commercial and open source software choices in the industry, providing customers with alternatives to meet their specific requirements.

Greater control - Greater control over the development of enhanced network services, flexibility to work with best-in-class suppliers.



Rapid innovation - Rapid innovation through community and DevOps approach



Reduced CAPEX and OPEX - Automated and accelerated provisioning of network capacity and services, these open network benefits are now available for many more network use cases, reduced network equipment expenses, and reduced operating expenses.

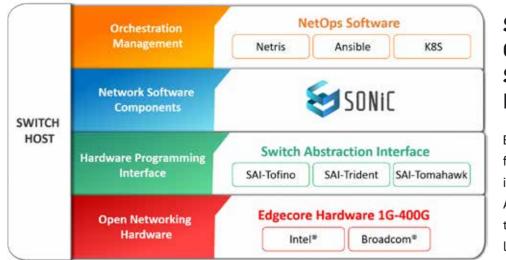
OPEN OPERATING SYSTEM ENTERPRISE SONIC SOLUTIONS

CORD:CENTRAL OFFICE RE-ARCHITECTED AS A DATACENTER



Enterprise SONiC distribution by Edgecore are open source and aligned with community SONIC. To avoid single vendor lock-in and accelerate the networking ecosystem, the SONIC system is deployable due to Edgecore's frequent contributions together with other players.

Now, Edgecore's scalable SONiC solutions are successfully used in many cases from enterprise to high-performance computing. Edgecore can tailor a complete networking system as a solution, from switch hardware, firmware, NOS, connectivity, and applications. With advanced enterprise SONiC solutions, various applications and features can be easily added and integrated based on your needs.



SONIC RUNNING **ON TRUSTED AND** SUPPORTABLE PLATFORMS

Edgecore supports SONiC across a full spectrum of platform bandwidths, including a choice of different Switch Abstraction Interfaces (SAIs) - from 1G to 400G and from leaf to super-spine layer switches.

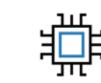


Edgecore provides end-to-end services and support for SONiC at different stages including presales and post sales services, such as Plan and Design Service, Deployment Service, Hardware Support Service and Software Support Service.



Plan & Design

Portability Deployment



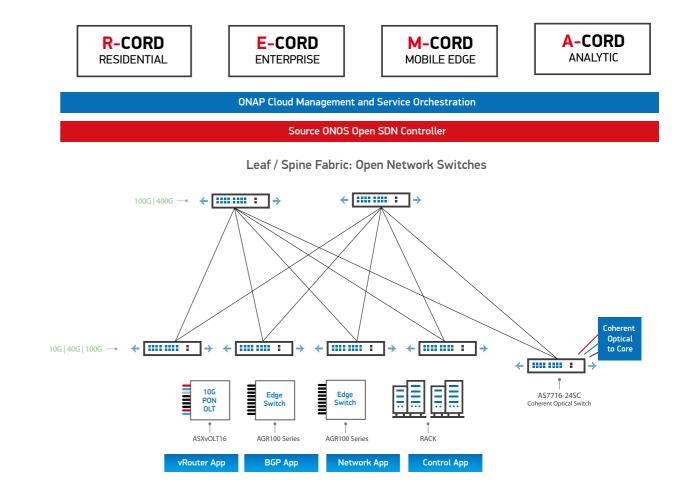
Hardware Support

Service



Software Support Service





400G DATA CENTER

The industry's first 400G switch delivers the next level in bandwidth for webscale data center fabrics. The ideal choice for high-speed spine interconnection as bandwidth demand increases.

400G OPEN NETWORKING SWITCH

Spine or Leaf Switch 32 x 400G Ports Broadcom[®] XGS Trident 4 Intel[®] Pentium[®] D-1519

Spine Switch 32 x 400G Ports Intel[®] Xeon[®] D-1518



DCS240 32 x 400G QSFP56-DD ports Supports up to 16 High Power 400G ZR/ZR+ Optics

Broadcom® XGS Tomahawk 3 IEEE1588v2 and SyncE Timing



DCS510 32 x 400G QSFP56-DD ports Industry's First 400G Open Network Switch **Optimized for Spine Applications**

OPEN

LEARN MORE ABOUT THE NEWEST SONIC SOLUTION ON WEBSITE i



Super Spine Switch 64 × 400G Ports Broadcom[®] XGS Tomahawk 4 Intel[®] Xeon[®] D-1548

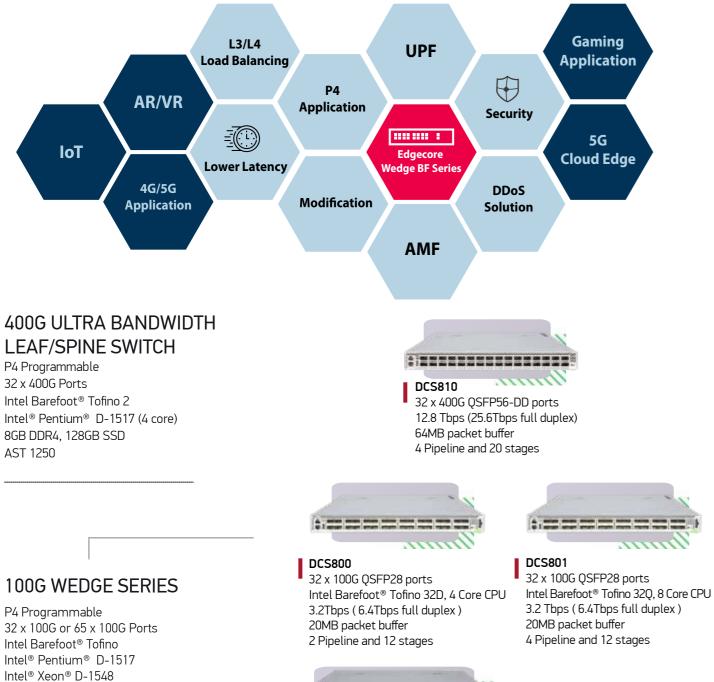


DCS520 64 × 400G QSFP56-DD Ports Delivering industry's highest bandwidth with 64x 400G connectivity all on one device

CLOUD DATA CENTER

P4 PROGRAMMABLE SERIES

A fully programmable switch based on Facebook's Wedge 100 design that enables network operators to increase flexibility and capacity with 25G and 100G networking.



100G DATA CENTER

High-performance data center switches for TOR and spine network deployment, providing a non-blocking fabric in flatter and scalable topologies.

100G OPEN MODULAR PLATFORM

Modular High Capacity Leaf/Spine Switch Based on Facebook "Minipack" Design 128 x 100G Ports Broadcom[®] XGS Tomahawk 3 Intel[®] Xeon[®] D-1527 100G Line Card Option





LEAF/ SPINE SWITCH

Spine or Leaf Switch 32 x 100G Ports Broadcom[®] XGS Trident 3 Intel[®] Xeon[®] D-1518

Spine Switch 64 x 100G Ports Broadcom[®] XGS Tomahawk 2 Intel[®] Xeon[®] D-1518





64 x 100G QSFP28 ports Super Spine Network



25G DATA CENTER

High-performance TOR or spine data center switches, designed for computing clusters and high-frequency trading applications, supporting 10/25 GbE to servers with 40/100 GbE uplinks.

10G/25G Leaf Switch

Top of Rack Switch 48 x 25G, 8 x100G, 2 x 10G Ports Broadcom[®] XGS Trident 3 Intel[®] Xeon[®] D-1518



DCS203 48 x 25G SFP28 ports 8 x 100G QSFP28 ports 2 x 10G management ports

OPEN

P4 Programmable 32 x 100G or 65 x 100G Ports Intel Barefoot® Tofino Intel[®] Pentium[®] D-1517 Intel[®] Xeon[®] D-1548 8GB DDR4, 128GB SSD / 48GB DDR4, 2TB SSD AST 1250



Minipack-AS8000 128 x 100G 0SFP28 ports Next generation leaf/spine fabrics in CORD



Spine Switch 32 x 100G Ports Broadcom[®] XGS Tomahawk Intel Atom Rangeley



OPEN

CLOUD DATA CENTER

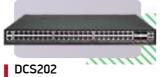
10G DATA CENTER

A full set of open 10GbE TOR switches based on OCP-accepted designs. Ideal for 10G downlinks to servers and uplinks to the spine

10G TOR DATA CENTER SWITCH

Top of Rack Switch 48 x 10G. 6 x 100G Ports Broadcom[®] XGS Trident 3 Intel Atom Denverton 4-Core 2GHz





48 x 10G Base-T ports 6 x 100G OSFP+ ports Non-blocking Design

10G TOR DATA CENTER SWITCH

Top of Rack Switch 48 x 10G, 6 x 40G Ports Broadcom[®] XGS Trident 2+ Intel Atom Rangeley CPU



OPEN



DCS209 48 x 10G Base-T ports 6 x 40G QSFP+ ports Resiliancy



A series of data center IPMI and enterprise campus switches. These platforms are ideal for out of band data center management networks as well as general campus edge connectivity. With options for high power POE, and Multi-Rate Ethernet the switches are purpose built for WiFi 6 APs, security cameras and IoT devices.

1G CAMPUS SWITCH

Enterprise Switch 48 x 1G, 4 x 25G, 2 x100G Ports Broadcom[®] XGS Trident 3 Intel ATOM Denverton IEEE 802.3bt (90W) PoE Support



EPS201 48 x 1G Base-T ports 4 x 25G SFP28 ports 2 x 100G QSFP28 ports Support 25G Interfaces

EPS203

MULTI-RATE CAMPUS SWITCH

36 x 2.5G + 12 x 10G + 4 x 25G SFP28 2 x 100G QSFP28 Ports Broadcom[®] Trident 3 Intel ATOM Denverton IEEE 802.3at/bt 90W PoE

1G CAMPUS SWITCH

48 x 1G port + 4 x SFP+ Ports Supports front-to-back airflow Load sharing, redundant AC PSUs. (AS4224-52P only) Marvell Solution, Class B Certified



EPS101



AS4610-30T 24 x 1G Base-T



AS4610-54T 48 x 1G Base-T

10G DATA CENTER SWITCH

48 x 10G SFP+ ports Supports front-to-back airflow Load sharing, redundant AC PSUs Marvell Solution, Class B Certified



48 x 10G SFP+ ports Enterprise and Cloud Data Centers

1G CAMPUS SWITCH

Access switch 24/48 x 1G, 4x10G, 2x20G Stack Ports Broadcom[®] XGS Helix 4 Embedded ARM PoE and non-PoE Options





EPS202 48 x 1G PoE ports 4 x 25G SFP28 ports 2 x 100G QSFP28 ports Support 25G Interfaces



36 x 2.5G PoE, 12 x 10G PoE ports 4 x 25G SFP28, 2 x 100G QSFP28 Support 25G/10G/2.5G Interfaces High Power for Campus and Wireless Application

48 x 10/100/1000 Base-T ports 4 x 10G SFP+ with PoE Enterprise and Cloud Data Centers



4 x 10G SFP+ uplink ports 2 x 20G QSFP+ stacking ports



4 x 10G SFP+ uplink ports 2 x 20G QSFP+ stacking ports



EPS100 48 x 10/100/1000 Base-T ports 4 x 10G SFP+ uplink ports Enterprise and Cloud Data Centers



AS4610-30P 24 x 1G PoE ports 4 x 10G SFP+ uplink ports 2 x 20G QSFP+ stacking ports

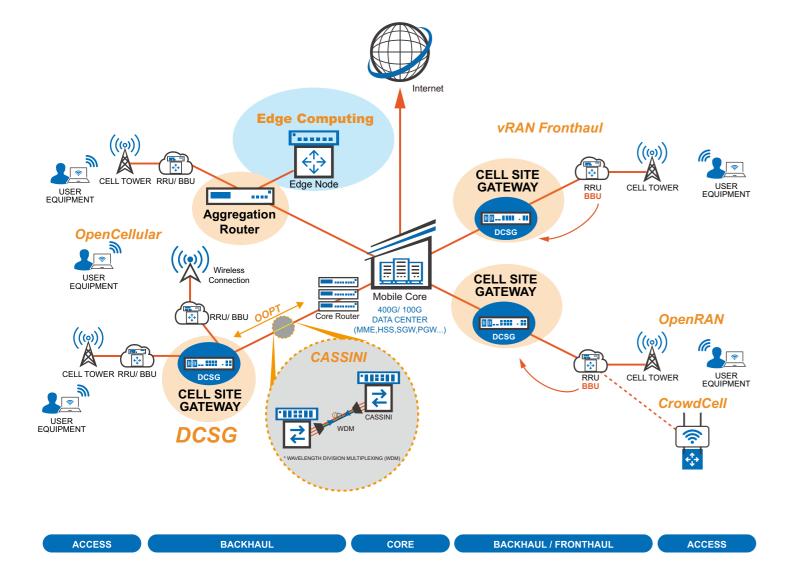


AS4610-54P 48 x 1G PoE ports 4 x 10G SFP+ uplink ports 2 x 20G QSFP+ stacking ports

OPEN ROUTERS COMMUNICATION SERVICE PROVIDER

Edgecore provides a broad portfolio of OCP Accepted[™] open hardware including cell site gateways, aggregation switches, core routers, broadband OLTs, and optical packet transponders for different applications and vertical markets. Edgecore is the leader in open networking solutions, and is a key contributor to the OCP, ONF, and TIP open communities. Edgecore open network solutions remove single vendor lock in and slow technology innovations from legacy network equipment providers by offering open hardware, commercial and open-source software to service providers and network operators to tackle constantly evolving network requirements.

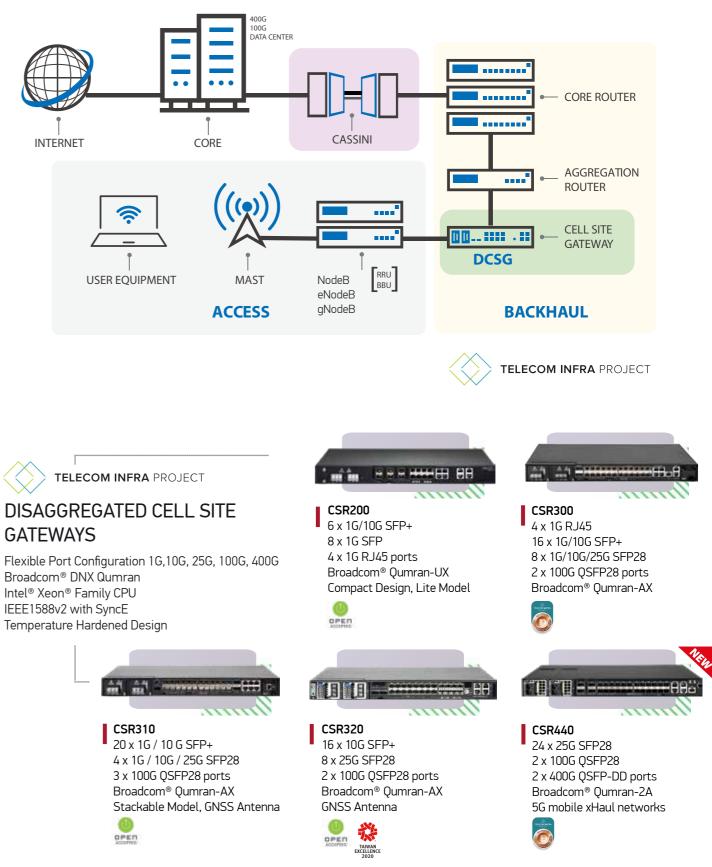
OPEN NETWORKING - CSP TOPOLOGY

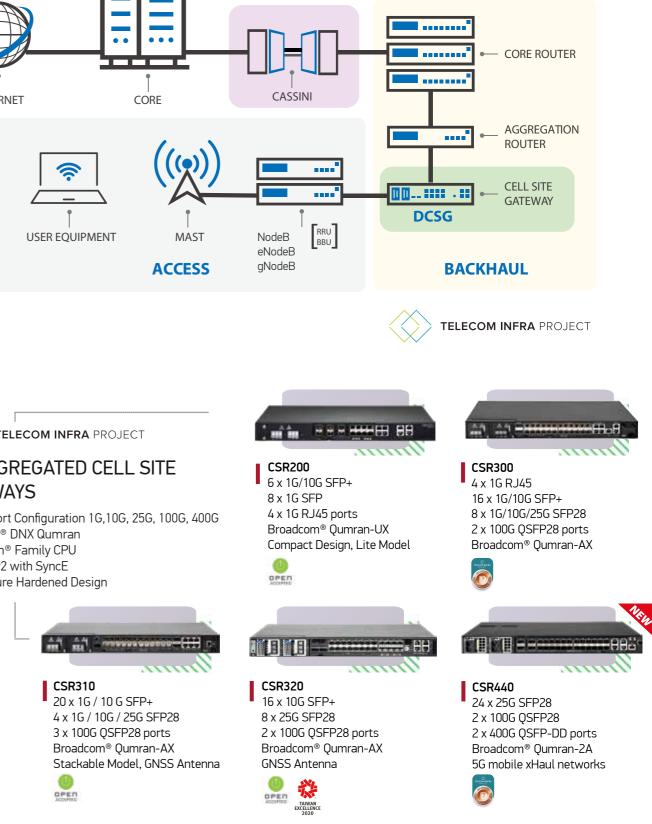


ACCESS ROUTERS

Disaggregated Cell Site Gateways (DCSG) based on an open and disaggregated architecture for existing 2G/3G/4G and future 5G mobile infrastructures.

DCSG NETWORK TOPOLOGY









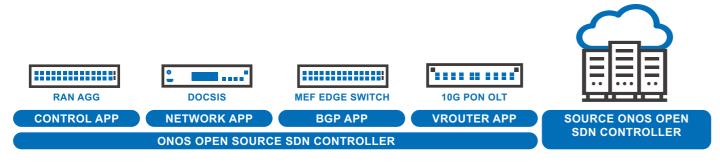


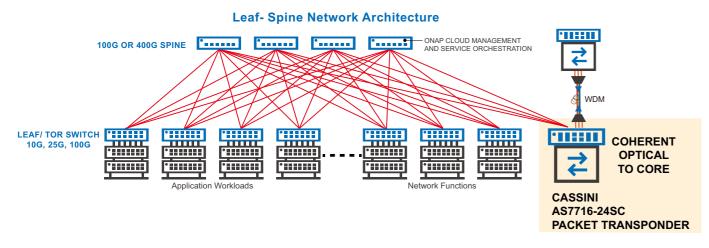


OPEN ROUTERS COMMUNICATION SERVICE PROVIDER

PACKET OPTICAL

The industry's first modular open-source disaggregated open networking transponder contributed to TIP. Data center Interconnect with DCO coherent optics for long distance connectivity.





ONAP CLOUD MANAGEMENT AND SERVICE ORCHESTRATION

OPEN PACKET TRANSPONDER

Based on TIP Specification 16 x 100G, 8 Module Slots for DCO/QSFP28 Broadcom[®] XGS Tomahawk+ Intel[®] Xeon[®] D-1518

SERVER SWITCH

Hyper Cloud Appliance 32 x 100G Ports Intel[®] Xeon[®] Gold 5218 (Dual Scalable CPU) FPGA for Table/Buffer Expansion





AWARD

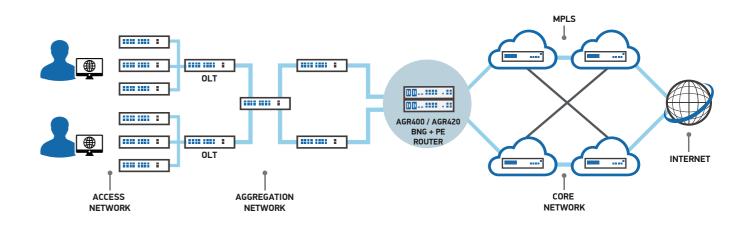
TELECOM INFRA PROJECT



CSP-7550 32 x 100G QSFP28 ports Server Load Balancer (SLB) Network Packet Broker (NPB) Broadband Network Gateway (BNG) 5G User Plane Function (UPF)

AGGREGATION ROUTERS

Ethernet technology is broadly adopted in network operators' core and aggregation network architectures to enable various business services and deliver IP connectivity with the carrier-class performance, scalability, and security required in today's network environments. The access devices are aggregated into fewer connections for best transport to the operator's core network. Edgecore provides various options for core and aggregation network designs to enable network operators' growing broadband and transport network traffic.



AGGREGATION AND CORE ROUTERS

Edgecore's high-performance router platform with cell-based fabric interfaces is perfect for carrier, data center and transport networking applications. The system supports deep packet buffers and external TCAMs to provide massive routing scale and statistics gathering. The system are NEBS L3 compliant and support precise, IEEE 1588 and SyncE, and redundant power and cooling for maximum reliability.

400G ROUTER

Fabric Switch for Disaggregated Virtual Chassis 24 x 400G Ports Broadcom[®] DNX Ramon Intel[®] Xeon[®] Broadwell-DE, 8 cores CPU IEEE 1588v2 and SyncE

COR580 Support fabric multicast and multicast load-balancing

High-performance Router for carrier networking, data center and packet transport applications

Service Provider Peering or Core Routers 40 x 100G. 13 x 400G Ports Broadcom[®] DNX Jericho 2 Deep Packet Buffer, External TCAM Intel® Xeon® Broadwell-DE, 8 cores IEEE 1588v2 and SyncE



COR550 40 x 100G QSFP28 13 x 400G QSFP-DD Fabric ports High Capacity External TCAM

OPEN ROUTERS COMMUNICATION SERVICE PROVIDER

AGR110

AGR420

64 x 10G/25G SFP28 8 x 100G QSFP28

Broadcom[®] Qumran-2C Intel[®] Xeon[®] D-1548 8C

Virtual Broadband Gateway (vBNG)

48 x 10G SFP+

6 x 100G QSFP28 ports

Broadcom[®] Qumran-MX

Intel[®] Xeon[®] D-1518

10G/100G AGGREGATION ROUTER Field Proven Aggregation Switch

48 x 10 G + 6 x 100 G Broadcom[®] Qumran-MX Intel[®] Denverton C2538





ACCEPTE

Ø

2 x 100G QSFP-DD (support high power 100G optics only)

AGR120

48 x 10G SFP+

6 x 100G QSFP28 ports

Intel[®] Xeon[®] D-1518

Broadcom[®] Qumran-MX

10G/100G/400G AGGREGATION ROUTER Field Proven Aggregation Switch

48 x 10G + 6 x 100G Broadcom[®] Qumran-MX Broadcom[®] Qumran-2C Intel[®] Xeon[®] D-1518 & D-1548



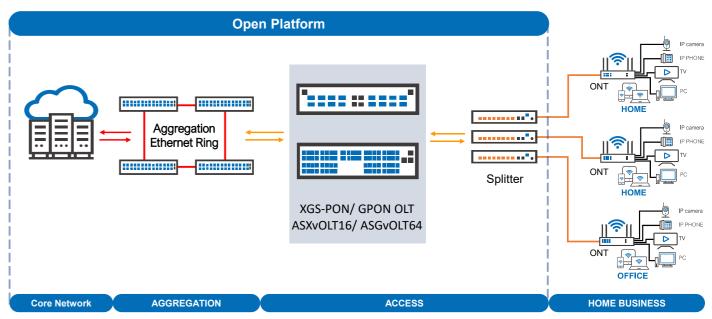
AGR 400 High-capacity Spine Router 4 x 1/10/25G SFP28 18 x 40/100G QSFP28 4 x 40/100G QSFP-DD (support optics up to 16.5W) 4 x 100/400G QSFP-DD (support optics up to 16.5W and 21.3W) Broadcom[®] Qumran-2C Intel[®] Xeon[®] D-1548

Counter Rotating Fans

OPTICAL LINE TERMINALS – OLT

The industry's first disaggregated XGS-PON OLT, an OCP-approved design that conforms to AT&T's XGS-PON specification. This has accelerated the need for 5G as well as Fiber to the Home (FTTH) and Fiber to the Building (FTTB) network services.

DISAGGREGATED GPON/XGS PON OLT FOR FTTH



XGS-PON virtual Optical Line Terminal

Disaggregated XGS-PON Optical Line Terminal (OLT) 16x XGSPON, 4x 100G Ports Broadcom® DNX Qumran-AX and "Maple" PON Supported by ONF VOLTHA/SEBA

GPON virtual Optical Line Terminal

Disaggregated GPON Optical Line Terminal (OLT) 64 x GPON SFP Ports, 2 x 100G QSFP28+ Ports Broadcom® StrataDNX Qumran-AX, Maple silicon





OPEN

ASXvOLT16 16 x 10G XGS-PON/NG-PON2 ports 4 x 100G uplinks CORD, SEBA, TRELLIS FTTx Applications for Enterprises



ASGvOLT64

64 x GPON ports 2 x 40G / 100G QSFP28 8 x 10G / 25G SFP28 uplinks ports CORD, SEBA, TRELLIS



Edgecore Networks provides a full range of managed switches to fulfill different deployment requirements, from small/ medium business users, enterprise to carrier-level service providers, from simple web-smart switches to Layer 2, Layer 3, and industrial switches. Different products come with different port combinations, as well as PoE options, to meet market requirements with an emphasis on scalability and flexibility. Most importantly, managed switches all come with Edgecore Networks' in-house developed EdgeCOS[™] software.



EdgeCOS^{**} **Embedded in-house operating system** – Provide flexible software customization, service and support.



Environment-friendly design, Energy-Efficient Ethernet (EEE) - Cut your operating expenses and save mother earth.



Highly reliable hardware design - With 20+ years' experience and a high reputation in the networking field, Edgecore Networks insists on investing in networking technology to provide the best products to its customers.



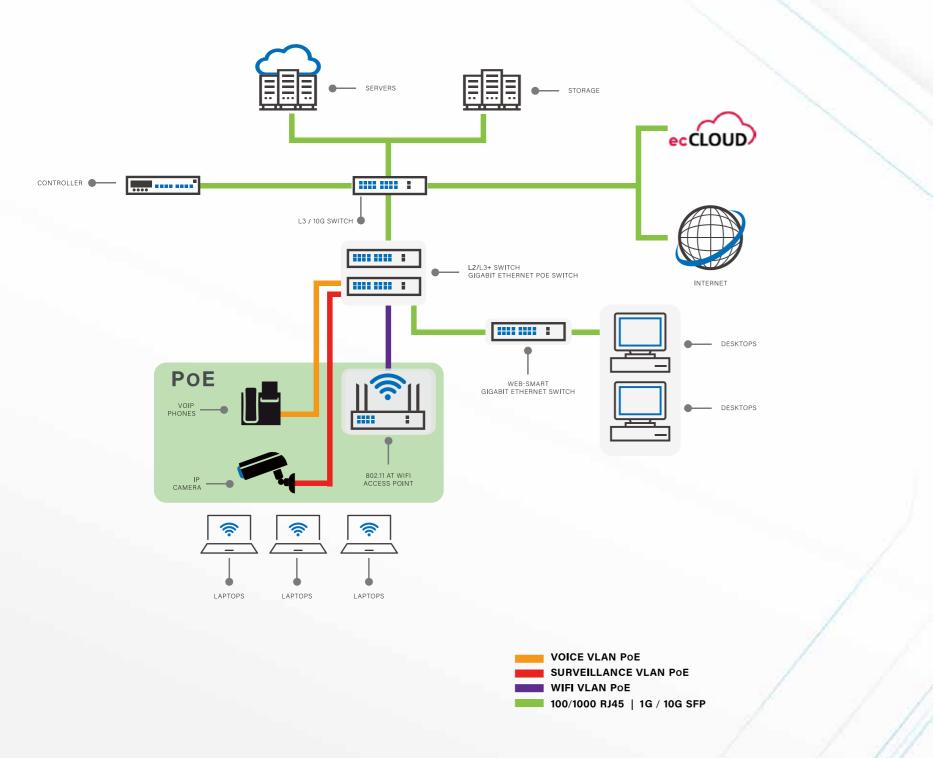
High performance / affordable - Provide the best cost-performance products, leveraging Accton's design and manufacturing power.



Rich L2/L3 features - Rich L2/L3 features for triple-play and multicast control (IGMP Snooping, MVR, QoS), security, and management



NETWORK TOPOLOGY (POE SOLUTIONS)



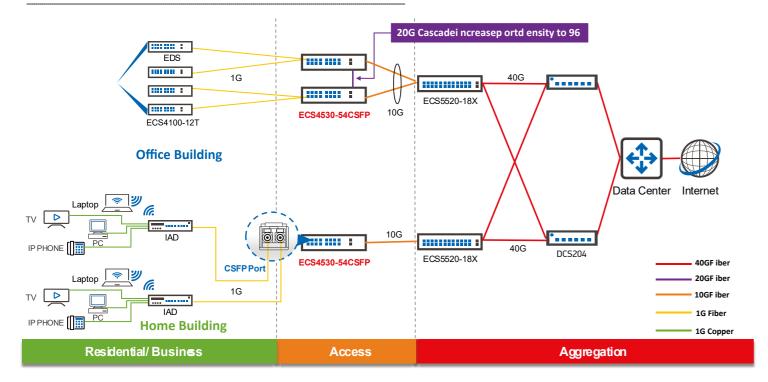


LAYER 2+ / L3 LITE 1G/10G

Edgecore provides best cost performance L2+/L3 Lite Access/Aggregation switches, helping ISP, MSO worldwide building Fiber to the Building (FTTB), Fiber to the Home (FTTH) infrastructure to provide home users and business users with internet access, IPTV, VoIP, home automation. WiFi hotspot etc services.

Edgecore L2+/L3 Lite Access/Aggregation switches are also ideal for SMB, enterprise, campus networks. The PoE switches provide up to 30W for VoIP phones, Wireless access point, and Surveillance camera. The high power model even supports up to 60W for some PTZ, infrared surveillance camera which required higher power.

HIGH PORT DENSITY FTTx ACCESS/MULTI DWFLLING SWITCH FOR ISP



EDS: Enterprise Demarcation Switch IAD: Integrated Access Device

L2+/ LITE 3 AGGREGATION SWITCH

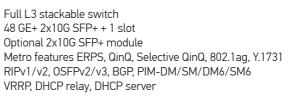
Compact Cost-optimized 10G Aggregation Switch Optional 2nd AC power for redundancy Optional DC Power module Metro features ERPS, QinQ, Selective QinQ, MLAG





ISP/Enterprise/SMB Aggregation Switch

10G L3 ETHERNET AGGREGATION TOR SWITCH





HIGH DENSITY GIGABIT ETHERNET FTTx SWITCH

L2/Lite L3 features with static route Adopts Innovative Compact SFP (dual bidi ports) technology Metro features ERPS, QinQ, Selective QinQ Advanced and robust multicast control for IPTV service MLAG

L2+ / Lite L3 ACCESS SWITCH WITH 10G UPLINKS

L2+ / Lite L3 with static route, DHCP server Metro features ERPS QinQ, Selective QinQ, 24 GE + 4 x 10G SFP+

ECS4130-28T 24 x 10/100/1000 Base-T 4 x 10G SFP+ Compact size AC or DC model

12 + / 1 ite 13

1G/2.5G ULTRA PoE SWITCH 60 Watts Ultra PoE PoE++ Support for Wi-Fi 6 APs Multi-management (CLI/WEB/SNMP/TIP/ecCLOUD)



ENTERPRISE ACCESS SWITCH WITH 10G UPLINKS

24/48 GE+ 4x10G SFP+ 20xSFP+, 4CG + 4x10G SFP+ DDM for downlink SFP and uplink SFP+ ports L2+/Lite L3 features with static route, RIPv1/v2, DHCP server Metro features ERPS, QinQ, Selective QinQ, 802.1ag, Y.1731





ECS4620-52T 48 x 10/100/1000 Base-T 2 x 10G SFP+



ECS4620-52P (780W) 48 x 10/100/1000 Base-T PoE 2 x 10G SFP+



ECS4530-54CSFP 22 x CSFP + 2 CSFP/4 RJ45 combo 4 x10G SFP+ , 2 x 20G QSFP+ 0°C to 50°C



ECS4530-54CSFP-DC-I 22 x CSFP + 2 CSFP/4 RJ45 combo 4 x10G SFP+, 2 x 20G QSFP+ 0°C to 60°C, DC model



ECS4150-28T 24 x 10/100/1000 Base-T 4 x 10G SFP+ Cost-effective model Fanless



ECS4150-28P 24 x 10/100/1000 Base-T 4 x 10G SFP+ PoE Power 390W Fanless



ECS4125-10P 8 × 1G/2.5G Base-T PoE 2 × 10G SFP+ uplink ports



ECS4120-28T 24 x 10/100/1000 Base-T 4 x 10G SFP+



ECS4120-28Fv2-I 20 x 100/1000 Base-X 4 x 1G Combo (RJ45 / SFP) 4 x 10G SFP+ Dual power input (AC/DC) -10°C ~65°C



20 x 100/1000 Base-X 4 x 1G Combo (RJ45 / SFP) 4 x 10G SFP+ Dual power input (AC/DC)



48 x 10/100/1000 Base-T 4 x 10G SFP+

L2+ / L3 LITE GIGABIT ETHERNET MANAGED SWITCH

8GE+ 2CG+ 2 SFP. 24/48 GE + 4 SFP. PoE and without PoE. 24GE+ 4CG 60W 803.3bt PoE (ECS4100-12PH) L2+/Lite L3 features with static route, RIPv1/v2, DHCP server Metro features ERPS, QinQ, Selective QinQ, 802.1ag, Y.1731 Advanced and robust multicast control for IPTV service

olinitere





24 x 10/100/1000 Base-T ports 4 x Gigabit SFP eccoup

2 x Gigabit SFP ecCLOUD 2 x Combo ports

8 x 10/100/1000 Base-T ports



ECS4100-12T

24 x 10/100/1000 Base-T ports 4 x Combo ports

ECS4100-28P (190W) 24 x 10/100/1000 Base-T ports with PoE 4 x Gigabit SFP ecCLOUD



48 x 10/100/1000 Base-T ports 4 x Gigabit SFP CLOUD



48 x 10/100/1000 Base-T ports with PoE .CLOUD 4 x Gigabit SFP

WEB-SMART PRO SWITCHES

The Web-Smart Pro series of Gigabit Ethernet (GE) switches with Power over Ethernet (PoE) options is designed for enterprise markets and provides a complete solution from 1G to 10G. As well as IPv4 and IPv6 features, the Web-Smart Pro series supports L3 static routing, OinO, mDNS and IP Clustering.



Comprehensive Security Features CLI / SNMP / Web / Telnet Management Options Dual firmware / configuration **RIP** and Static Routing Support 1G solution



28



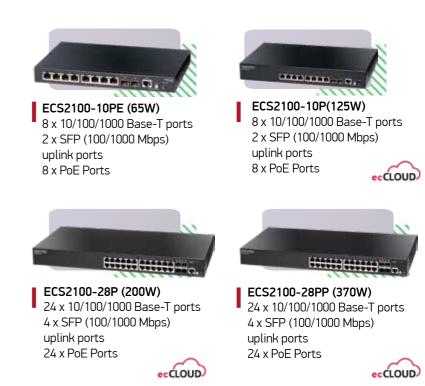
8 x 10/100/1000 Base-T ports 2 x Gigabit SFP



ECS2100-28T 24 x 10/100/1000 Base-T ports 4 x Gigabit SFP



ECS2100-52T 48 x 10/100/1000 Base-T ports 4 x Gigabit SFP



L2/L2+ GIGABIT ETHERNET MANAGED POE SWITCH

Comprehensive Security Features CLI / SNMP / Web / Telnet Management Options Dual firmware / configuration **RIP** and Static Routing Full High Power POE Options (65W to 370W)





WEB-SMART GE SWITCHES

The Web-Smart series is designed for SMB markets and provides a complete solution with 10/28-ports, including both non- PoE and PoE options. The switches comply with the IEEE 802.3az Energy Efficient Ethernet standard. Support for IPv4 and IPv6. This series offers complete PoE solutions from 70W to 190 W.



L2/L2+ GIGABIT ETHERNET MANAGED SWITCH

CLI / SNMP / Web / Telnet Management Options Full High Power POE Options (65W to 190W) **4KV Surge Protection** Dual configuration IPv4/IPv6 0°C to 50°C



uplink ports

ECS2020-10T 8 x 10/100/1000 Base-T ports 2 x SFP (100/1000 Mbps) uplink ports



ECS2020-10P (65W) 8 x 10/100/1000 Base-T ports 2 x SFP (100/1000 Mbps) uplink ports 8 x PoE ports

24 x 10/100/1000 Base-T ports 4 x SFP (100/1000 Mbps)

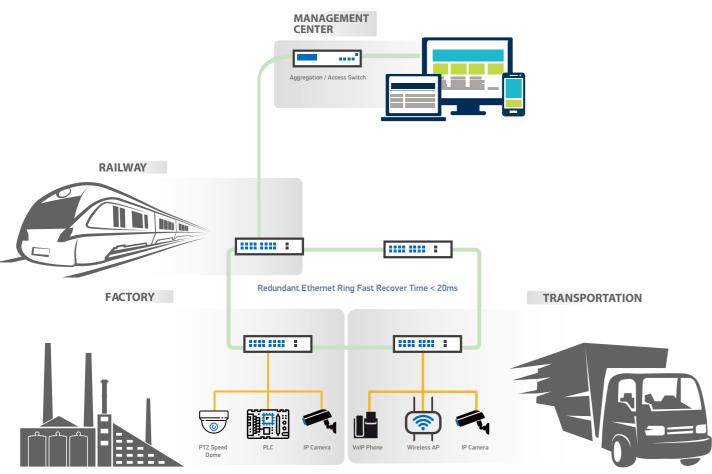


24 x PoE ports

INDUSTRIAL SWITCHES

The ECIS4500 series are managed industrial PoE and non-PoE Gigabit Ethernet switches with hardened operating temperature designs. The PoE switches can power any IEEE 802.3af/at-compliant PoE PD devices and include PoE power management features that ease the deployment effort.

INDUSTRIAL SWITCHES NETWORK TOPOLOGY



Gigabit Fiber Ethernet IEEE 802.3af/at PoE/PoE+

FULL GIGABIT INDUSTRIAL ETHERNET SWITCH

Industrial Hardened Design Continuous Availability Power over Ethernet for network applications Support Layer 2, security and management features Superior Quality. 100% Made In Taiwan





ECIS4500-8P2T4F 8 x 100/1000 Base-T PoE 2 x 100/1000 Base-T ports 4 x 100/1000 Base-X SFP ports 1 x RJ45 Console ports

ECIS4500-8P4F 8 x 100/1000 Base-T PoE 4 x 100/1000 Base-X SFP ports 1 x RJ45 Console ports

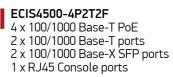




ECIS4500-6T4F 6 x 100/1000 Base-T 4 x 100/1000 Base-X SFP 1 x RJ45 Console ports

ECIS4500-6T2F 6 x 100/1000 Base-T 2 x 100/1000 Base-X SFP 1 x RJ45 Console ports







ECIS4500-4P4T 4 x 100/1000 Base-T PoE 4 x 100/1000 Base-T ports 1 x RJ45 Console ports



ECIS4500-8T2F 8 x 100/1000 Base-T 2 x 100/1000 Base-X SFP 1 x RJ45 Console ports



ACCESSORIES

Packet Optical : ECPO Series

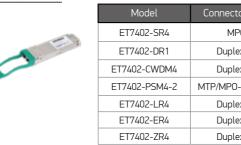


Model	Connector Type	Wavelength (nm)	Transmission Medium	Max Distance
ECPO-BA-A1	Duplex LC/UPC	C band	SMF fiber	N/A
ECPO-PA-A1	Duplex LC/UPC	(1529-1567nm)	SMF fiber	N/A
ECPO-MDM4	Duplex LC/UPC	4 CHs in C band	SMF fiber	N/A

400G Ethernet QSFP Transceivers: ET7502 Series, ECP0 Series



100G Ethernet QSFP28 Transceivers: ET7402 Series



40G Ethernet QSFP+ Transceivers: ET6401 Series



Model	Connector Type	Wavelength (nm)	Transmission Medium	Max Distance
ET6401-SR4	MPO	850	MMF	100 M
ET6401-LR4	Duplex LC	1310	SMF	10 KM

25G Ethernet SFP28 Transceivers: ET7302 Series



10G Ethernet SFP+ Transceivers: ET5402 Series



1G Ethernet SFP Transceivers: ET4202 Series





TRANSCEIVERS PLUGGABLE OPTICS

Edgecore Networks pluggable optical modules provide fiber and copper connectivity over our entire range of products. With the flexibility to expand by media type (copper/fiber), speed (Fast Ethernet, Gigabit Ethernet, or 10/25/40/100/400 Gigabit Ethernet), and distance (100 m to 80 km). A wide choice of SFP, SFP+, SFP28, QSFP+, QSFP28 and QSFP-DD pluggable modules. Edgecore transceivers are tested for compatibility with switches and SONiC (version 202012.1) see the list in the link.

400G Ethernet Active Optical Cable and Direct Attach Cable



Model	Available Lengths (m)	Connection	Transmisson Medium
ET7502-DAC-xM	1,2,2.5		Copper
ET7502-AOC-xM	3~30	QSFP-DD to QSFP-DD	Optical
ET7502-B4D-xM	1.2	QSFP-DD to	Copper
E17502-B4D-XM 1, 2	Ι, Ζ	4 x QSFP56 Breakout	copper

100G Ethernet Active Optical Cable and Direct Attach Cable



Model	Available Lengths (m)	Connection	Transmisson Medium
ET7402-DAC-xM	1,3,5		Copper
ET7402-AOC-xM	3~30	QSFP28 to QSFP28	Optical
ET7402-25DAC-xM	3	QSFP28 to 4 x SFP28 Breakout	Copper
ET7402-25A0C-xM	3~30		Optical

40G Ethernet Active Optical Cable and Direct Attach Cable



Model	Available Lengths (m)	Connection	Transmisson Medium
ET6402-DAC-xM	1,3,5		Copper
ET6402-AOC-xM	3~30	QSFP+ to QSFP+	Optical
ET6402-10DAC-xM	3	QSFP+ to 4 x SFP+ Breakout	Copper

25G Ethernet Active Optical Cable and Direct Attach Cable



Model	Available Lengths (m)	Connection	Transmisson Medium
ET7302-DAC-xM	1,3,5	SFP28 to SFP28	Copper
ET7302-A0C-xM	3~30		Optical

10G Ethernet Active Optical Cable and Direct Attach Cable



Model	Available Lengths (m)	Connection	Transmisson Medium
ET5402-DAC-xM	1,3,5	SEP+ to SEP+	Copper
ET5402-AOC-xM	3~30	SFF+ 10 SFF+	Optical

ctor Type	Wavelength (nm)	Transmission Medium	Max Distance
O (APC)	850	MMF	100 M
O (APC)	1310	SMF	500 M
olex LC	1310	SMF	2 KM
olex LC	Tunable	SMF	120 KM

tor Type	Wavelength (nm)	Transmission Medium	Max Distance
PO	850	MMF	100 M
lex LC	1310	SMF	500 M
lex LC	1310	SMF	2 KM
D-12 (APC)	1310	SMF	2 KM
lex LC	1310	SMF	10 KM
.ex LC	1310	SMF	30~40 KM
.ex LC	1310	SMF	80 KM

tor Type	Wavelength (nm)	Transmission Medium	Max Distance
lex LC	850	MMF	100 M
lex LC	1310	SMF	10 KM

nnector Type	Wavelength (nm)	Transmission Medium	Max Distance
Duplex LC	850	MMF	100 M
Duplex LC	1310	SMF	10 KM
Duplex LC	1550	SMF	40 KM
Duplex LC	C-band DWDM	SMF	40 KM
Duplex LC	1550	SMF	80 KM
Duplex LC	C-band DWDM	SMF	80 KM
RJ-45	_	-	100 M

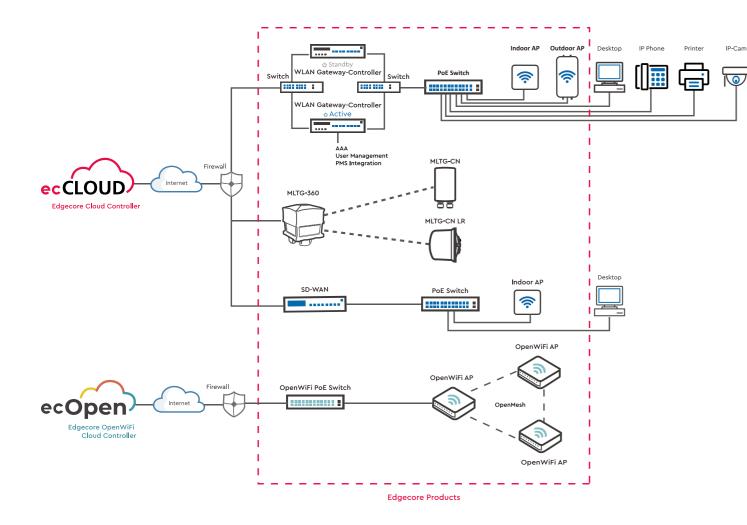
tor Type	Wavelength (nm)	Transmission Medium	Max Distance
lex LC	850	MMF	550 M
lex LC	1310	SMF	10 KM
lex LC	1310	SMF	40 KM
lex LC	1550	SMF	80 KM
I-45	-	_	100 M



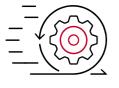
WIRELESS SOLUTIONS OVERVIEW

Be connected on the move with high-bandwidth. With fast growing on the smart phone and devices, people are always looking for high-bandwidth access to share their photo/video on the move. Reliable and fast Wi-Fi became essential and cost-effective infrastructure on different indoor and outdoor environment.

Focusing on enterprise, campus, and hospitality markets, Edgecore Networks offers integrated Wi-Fi solutions for complex Wi-Fi environments, ensuring a high-performance, flexible, and cost-effective wireless experience. With integrated security, social media insights, and hotspot billing, Edgecore's solutions empower businesses with new opportunities for value-added services and Wi-Fi monetization.



Unified Wired & Wireless Management



Flexible Deployment & Agile Applications



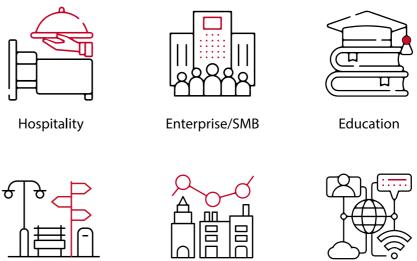
Intelligent Integration & **Customized Services**



OpenWiFi Open to Posibilities

OUR SOLUTIONS

From Wi-Fi to Switch, from Controller to Cloud, from infrastructure to application, and from Terragraph to OpenWi-Fi. Edgecore Wi-Fi is a reliable partner who provides open and straightforward choices for you. OPEN to the Technology, OPEN to the Innovation, OPEN to Each and Every Possibility.



Industry





Outdoor

PRODUCT PORTFOLIO OVERVIEW







Access Point

Enterprise Switch

Carrier/Telecom



Healthcare/Hospital



Wireless Backhaul



SD-WAN

Terragraph Certified Product

WIRELESS SOLUTIONS **OVERVIEW**

CLOUD CONTROLLER

Central Management Multi-Cloud & Multi-Site Zero Touch Deployment Intuitive User Interface Customizable Live Statistics, Notifications, & Logs Public API for 3-party Applications



Cloud Controller

Manage all Edgecore Devices Customize Virtual Private Cloud Intergrated Wired & Wireless Management Custom Captive Portal Time- $\ensuremath{\mathbb{Q}}$ Quota-based Service Plans Role-based Administractive Privileges



OpenWiFi Solution

Manage all TIP OpenWiFi 2.0 Devices Device Onboarding Service Intergrated Wired & Wireless Management Comprehensive Web GUI for Quick Start Up

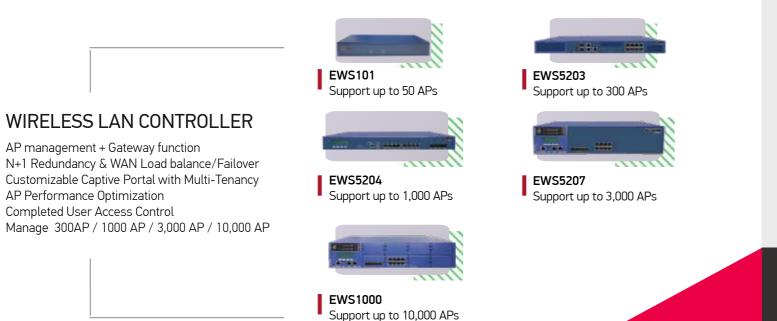
WIRELESS ACCESS POINT

Edgecore's portfolio of indoor and outdoor wireless access points utilize the latest in Wi-Fi standards and technology for all types of deployments, ensuring an optimal Wi-Fi experience. With centralized management, advanced QoS features, and enterprise-grade security, Edgecore helps organizations minimize both risks and costs.



WLAN GATEWAY-CONTROLLER

Edgecore EWS-series gateway-controllers come with a complete suite of AP and User management functionality to simplify the deployment and management of complex Wi-Fi networks. As a hybrid architecture integrating both access gateway and WLAN Controller functionalty in one box, network administrators are able to easily correlate user traffic logs, user policies, and AP statistics for more intelligent allocation of overall network resources.



Hotspot 2.0 Support Lightening Protection External N-type Antenna Connectors 802.3af/at PoE Support

OpenWiFi TELECOM INFRA PROJEC





Indoor Dual Radio, 4X4:4 Wi-Fi 6



Indoor Wall-Plate, Dual Radio. 2X2:2 Wi-Fi 6



ECW5410-L Indoor Dual Radio. 4x4:4 802.11ac WiFi 5 Wave 2



SS-W2-AC2600 Indoor Dual Radio, 4x4:4 802.11ac WiFi 5 Wave2



```
SP-W2M-AC1200
Indoor Dual Radio,
2x2:2 802.11ac
WiFi 5 Wave2
```

OAP100e Outdoor Dual Radio. 2x2:2 802.11ac WiFi 5 Wave2

WIRELESS SOLUTIONS OVERVIEW



8-port GbE LAN

4 Core 2-port GbE or 2-port SFP AN



SDW101 Intel C3758, 8 Core 2-port 10GbE SFP+ or GbE SFP WAN 8-port GbE LAN 2-port 10GbE LAN



Internet VPN + MPLS Centralized Management Dual WANs Internet Load Balance VPN Failover Traffic Steering TCP Optimization QoS Priority & Rate Limiting



1.2GHz Cortex A53, 2 Core 2-port GbE or 2-port SFP WAN 4-port GbE LAN

SDW102-L 1.2GHz Cortex A53, 2 Core 2-port GbE or 2-port SFP WAN 4-port GbE LAN 4G Cat6 LTE



TERRAGRAPH CERTIFIED 60GHz PRODUCTS

60GHz 802.11ay standard Mesh network with IPv6 routing Beam forming Technology with phased array antenna Support TDMA-MAC for dynamic bandwidth allocation Self-recovery & optimization



360 Degrees Coverage

PtMP Base Node 802.11ay 60GHz



Long-range Client Node 802.11ay 60GHz





SUPPORT YOUR NETWORK

Edgecore Networks' manufacturing and design centers are ISO 9001 certified. Edgecore has excellent operational teams and support that are committed to ensuring you receive products of the highest quality and reliability. We provide multiple support services to communicate clearly and effectively with our customers and partners, respond to requirements, solve issues promptly, and provide advanced training resources.

Commercial Support Egdecore Partner Center

Edgecore Networks provides a formal Partner Portal - offering a marketing resource for partners and potential partners, as well as interacting with customers to collect feedback that maximizes the value of our relationship.

The Partner Portal has six different sections and is designed to be a multi-function portal for partners to quickly access needed information and services. The six sections are: Announcement, Product Registration, Resource, Co-op Application / Project Registration, Message, and My Account Management.

PARTNE	ER CENTER				
Announcement	Product Registration	Resources	Co-op Application / Project Regulation	Message	My Account Management

Please register as an Edgecore member via our Partner Portal.

Technical Support Egdecore Help Center

Edgecore Help Center has a customer-oriented support portal that includes My Ticket, Submit a Support Ticket, Knowledge Base, Software Partner Portal, and Download. To access a supported portal, first please sign in and register as a member of the Support Portal for urgent assistance.



Submit a Support Ticket

Edgecore Networks provides both pre- and post-sales technical support. Please submit tickets based on your requirements. The different forms/tickets help to identify your requirements and quicken the processing time. Our engineer support team will get in touch with you soon.

- General Support Request Form
- SONiC Technical Request Form
- SONiC Download Request Form
- Wi-Fi Technical Request Form

Training & Ticket

Our technical support team organize issues and technical information in an open public forum. Customers and partners can search related FAQs, articles, topologies, drivers, firmware etc., to help themselves solve networking issues directly from the Knowledge Base, Software Partner Portal, and Download section of the Edgecore Help Center.

GREEN FRIENDLY

WE CARE

Through creative collaboration with our partners and technology and materials suppliers, Edgecore has developed more environmental friendly and energy-efficient products from design to packaging. At the start of product design, we selectively choose low-environmental impact materials that are in compliance with international regulations.



Edgecore continues to implement our conflict-mineral-free sourcing policy, and is committed to following the Responsible Minerals Initiative (RMI) of RBA's Code of Conduct



All of Edgecore's products are 100% compliant with the requirements of the EU RoHS Directive (2002/95/EC, 2011/65/EU)



Edgecore's eGreen System significantly improves the reliability of sustainable products and verification processes

WEEE:

All Edgecore Networks products are in full compliance with WEEE, the Waste Electrical and Electronic Equipment Directive, setting collection, recycling, and recovery targets for all types of electrical goods.

RoHS:

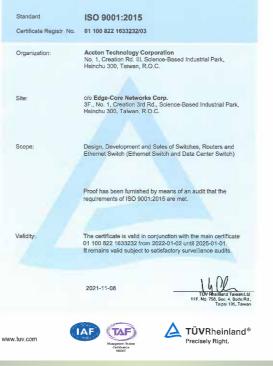
RoHS stands for Restriction of Hazardous Substances. Edgecore Networks aims at reducing and eliminating hazardous substances used in manufacturing electronic devices, as well as selecting qualified supply chains. We also appraise electronics industry peers to meet compliance with RoHS in an effort to protect and green our mother earth. All of Edgecore's products are 100% compliant with the requirements of EU RoHS Directives (2002/95/EC, 2011/65/EU)

Green Supply Chain:

Edgecore Networks has expanded its care for mother earth to its whole supply chain system, from manufacturer management and certification compliance to packaging and brochure printing. All components, modules, and indirect materials used are in full compliance with a list of restricted substances specified in the Control Standards for Accton Hazardous Substances. The restrictions are not only limited to the 10 substances regulated by the EU RoHS (Restriction of the use of Hazardous Substance' Directive 2011/65/EU), but also includes items regulated by international environmental law and our global customers. In addition, we have built a sustainable supply chain information management platform, called the eGreen System, which incorporates sustainable materials from the beginning of product design and significantly improves the reliability of sustainable products and the verification processes.



Certificate



Certificate

Chandrad

GB/T 19001-2016 / ISO 9001:2015 / TL 9000-H R6.3/R5.7

Certificate Registr No.	17 201 1633232/03	
Certificate Holder:	Edge-Core Networks Corp. 3F., No. 1, Creation 3rd Rd., Science-Based Industrial Park, Hsinchu 300, Taiwan, R.O.C.	
Scope:	Design, Development and Sales of Ethernet Switch (Ethernet Switch and Data Center Switch)	
	Proof has been furnished by means of an audit that the requirements of GB/T 19001-2016 / ISO 9001:2016 / TL 9000-H R6.3/R5.7 are met. Certificate Registration No. : TL1124 Product Category-Code Product Category-Description 1241 Legacy Ethemet Switch	
Validity:	The certificate is valid in conjunction with the main certificate from 2022-01-02 until 2025-01-01. It remains valid subject to satisfactory surveillance audits.	
	2021.11-11 E. J. Annotation Room 30(1; 5f and Room 1203, 127; Building o. N Roombau South Road, Bally Economic Technology Development Area, Beijing 100176, P. R. C	o 15, gical

CNAS

中国认可 管理体系 MANAGEMENT SYSTEM CNAS C144-M



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Worldwide Website: www.edge-core.com