

5G Edge Computing Platforms

Low Latency, High Bandwidth, High Capacity, Flexible and Easy-to-Maintain Platforms Optimized for 5G Edge and Network infrastructure AMAX's Edge Computing platforms are built and tailored to fully support edge cloud deployments on a 5G network. They are a key technology component for service providers to build up the infrastructure to enable 5G and IoT applications with networking close to the end users.

Edge computing is a central computing infrastructure that is as close as possible to the originating source to where the data is generated and processed. Edge servers need to be compact, highly efficient, and easy to maintain/service. They need to be close to data and use 5G networks for low latency. The aim of edge computing solutions is to reduce latency of network transmission and achieve quick response times. Also, AI in Edge Computing will give people a refreshing experience. It will be driving smart city, home, industry, and driving to change our life. Edge computing and 5G are the optimal solution to significantly improve the performance of digital appliances and enable large amounts of data to be processed in real time. By having a small footprint and compatibility with various virtualization software, AMAX's Edge Computing platforms can provide the performance and low latency required of 5G networks.

5G Edge / AIoT Computing Platforms

AE-252

2U Expandable Short Depth Edge Computing Server

Designed for dual socket server board and flexible hot swap fan access, maximizing computing performance for distributed and open IT infrastructure



AE-352

3U GPGPU Short Depth Edge Computing Server designed for full height expansion and flexible hot swap fan access, delivering unrivaled GPGPU horsepower for central office and base station applications Optimized I/O design for machine learning in edge sites



AE-211

2U Multi Node Server

- Network Rack Cabinet Compliant
- Open Edge Compliant
- Enhance Power Efficiency through centralized Power Supply design
- RMC design for Centralize Server Management
- NEBS Compliance



AE-200

High Efficiency Edge AIoT Box

- Outstanding Computing Capability for AI and Edge Applications
- Great Flexibility with Multiple Wireless/AI Modules
- Industrial-Level Rugged Embedded System with Wide Operating Temperature Range



AMAX 5G Edge Network Switches

AMAX's L3 switches are ideal for service provider edge aggregation, enterprise wiring closets, data center aggregation, and network core deployment. These switches bring a high level of security and traffic control to the edge of your network. They provide high performance, resilient stacking, wire speed Layer 2 switching and Layer 3 routing, comprehensive QoS, and advanced security to deliver the scalability and resiliency to increase your company's productivity while reducing operating costs.

A4600-28X/52X Series

10G L3 ETHERNET AGGREGATION TOR SWITCH

Full L3 stackable switch
24/48 GE+ 2x10G SFP+ + 1 slot
22 SFP+ 2 CG + 2x10G SFP+ + 1 slot

Ideal for high-performance server aggregations, such as enterprise data centers, where they can connect high-end or network-attached files servers over fiber ports. They can also be deployed as a backbone upgrade, or to provide Gigabit-to-the-desktop for power users. These switches are packed with features and are a cost-effective solution that bring continuous availability, enhanced security, and advanced QoS to the network edge, while maintaining simplicity of management.

A5800-54X Series

10G TOR DATA CENTER SWITCH Top of Rack Switch

48 x 10G SFP+ or RJ45, 6 x 40G
Ports Broadcom® XGS Trident II+
Intel Atom Rangeley CPU

Designed for carrier and enterprise aggregation and data center Top of Rack.
Ideal for traditional three-tier aggregation or core and folded-Clos architectures, serving with no oversubscription. Packed with features that bring high availability, comprehensive security, robust multicast control, and advanced QoS to network aggregation, while maintaining simple management.

A7712-32X

100G L3 SWITCH WITH SDN CAPABILITY

Full L2/L3 features
32 x 100G QSFP28 ports, each supporting 1 x 100 GbE or 1 x 40 GbE, or via breakout cables, 2 x 50 GbE or 4 x 25 GbE or 4 x 10 GbE

Designed for carrier/enterprise aggregation, data center top-of-rack/spine, and SDN-enabled networks. It is an ideal solution for traditional three-tier aggregation or core and folded-Clos architectures, serving with a 1:1 non-oversubscription.

Disaggregated and Open Network Solutions / 5G and Legacy Aggregation

AMAX offers industry leading aggregation solutions for the next generation of access and metro aggregation networks. With over tens of thousands of units deployed in the field by the top Telecoms around the world, AMAX has been leading the way helping customers transition their legacy networks into the 5G era.

AS9600-72XC

72-Port, 25/100GE Open Aggregation Router

- High density, Multi-function Aggregation Router with TCAM Option
- Supports SyncE and IEEE 1588
- 64 x 25GE SFP28 ports
- 8 x 100GE QSFP28 ports



S9705-48D

400G Disaggregated Fabric Switch

- Disaggregated Open Router (DOR)
- Distributed Disaggregated Chassis (DDC) "Fabric Card" white box
- 48 x 400GE QSFP-DD fabric ports

