

GAZL ACC 5597 HUB

Provides up to 10 ports
using small form factor
pluggable (SFP) transceivers.



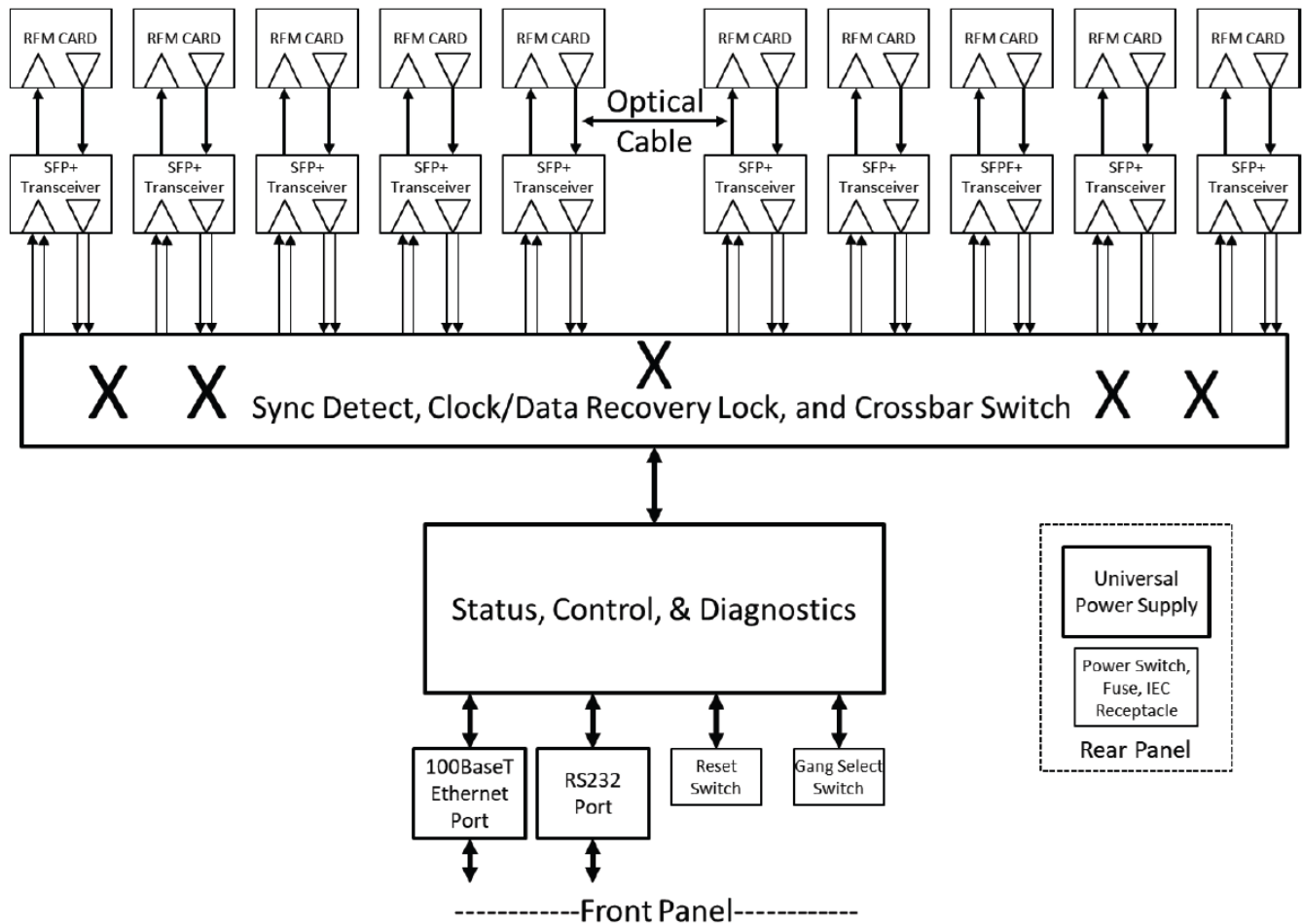
IDEAL APPLICATIONS

- Aircraft simulators
- Aluminum rolling mill
- Engine test stands
- Automated testing systems
- Power plant simulators
- High-speed data acquisition
- Ship and submarine simulators
- Industrial process control
- PLCs

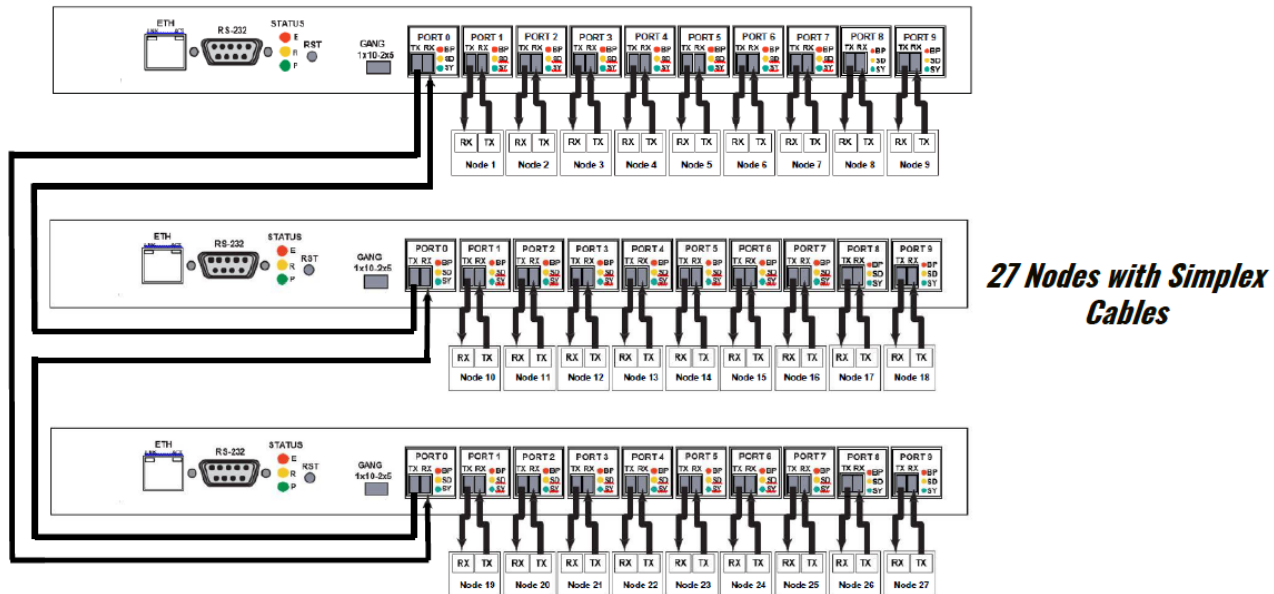
PRODUCT HIGHLIGHTS

- ④ Low latency, deterministic data transfer for high performance and predictability
- ④ Provides up to ten (10) ports using small form factor pluggable (SFP) transceivers
- ④ Hubs can be linked to support up to 256 RFM nodes
- ④ Can support multi-mode simplex / duplex cables up to 300m in length and 10km in length for single mode
- ④ 100Base-T Ethernet TCP/IP port and RS232 port for remote access and control
- ④ Internal AC universal power supply
- ④ Create a single, shared memory network across diverse systems that is OS and bus structure independent
- ④ Can support networks speeds of up to 10Gb/s
- ④ 19" rackmount with custom rugged slider options in various depths
- ④ Automatic bypass of defective or discontinued nodes
- ④ Can support self-diagnostic capabilities for the health of the network
- ④ Easy ability to reset the GAZL Hub to factory default settings

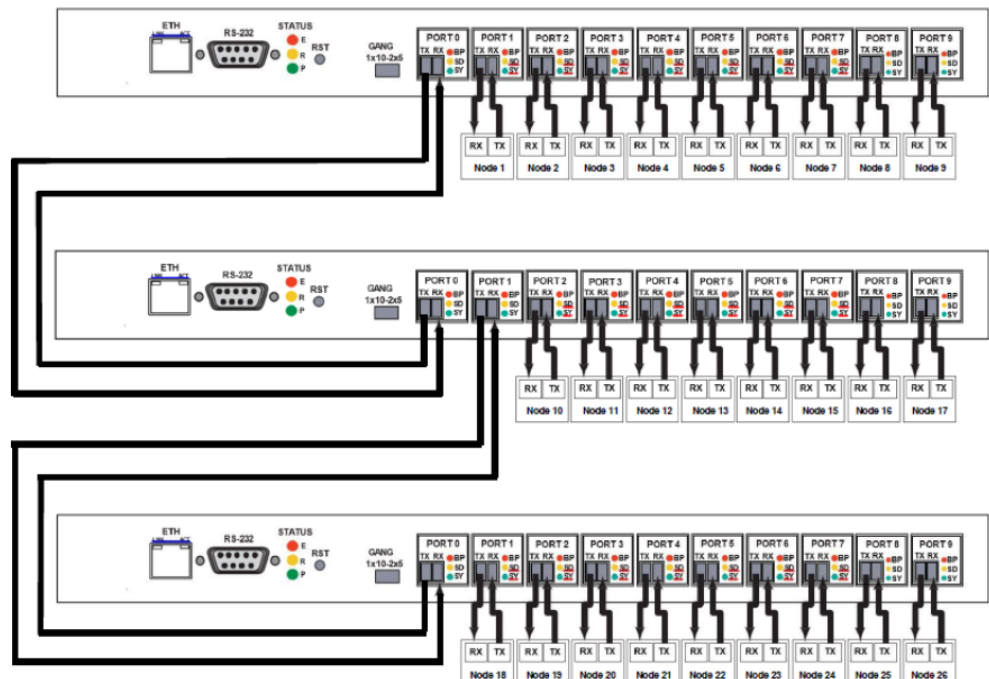
ACC-5597 FUNCTIONAL BLOCK DIAGRAM



EXAMPLE OF CASCADING THREE ACC-5597



26 Nodes with Duplex Cables



FEATURES

NETWORKING	Up to ten (10) SFP+ transceivers that can be configured as either one (1) group of ten (10) ports, labeled 1x10, or two (2) groups of five (5) ports, labeled 2x5 controlled by a GANG switch
LAN	One (1) 10/100/1000Base-T ethernet port with access via web-based interface
SERIAL	One (1) RS232 port with access via Command Line Interface
CABLING	One (1) duplex LC-type fiber-optic cable or two (2) simplex LC-type fiber-optic cables per SFP transceiver
POWER REQUIREMENT	100-240VAC, 50/60Hz, 1A/250V fuse
MECHANICAL	Dimensions (H x W x D): 1U by 16.73" x 9.00"
MTBF	431,524.76 hours
ENVIRONMENTAL	Operating Temp.: 0°C to +50°C Storage Temp.: -40°C to +85°C Humidity: 20% to 90%, non-condensing
COMPLIANCE	Meets the requirements for: International: EN55032 :2020/CISPR 32 :2019 EN55035 :2017+A11/CISPR 35 :2016 VCCI-CISPR 32 IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11 USA: FCC Part 15, Subpart B, Section 109, Class A Canada: ICES-003 Class A Korea: KS C 9832:2023, KS C 9835:2019 Safety EN IEC 62368-1:2020+A11:2020, UL62368-1, CAN/CSA-C22.2 No. 62368-1:2019, UL 62368-1:2019

ORDERING INFORMATION

Contact us at 855.365.2188 or visit jsquared.com/general-inquiries to begin the ordering process.

