

PRODUCT SPECIFICATIONS

GigaCore 10

TECHNICAL SPECIFICATIONS

CONNECTIVITY	
Network	<ul style="list-style-type: none"> ■ 8x Gigabit copper RJ45 : <ul style="list-style-type: none"> • 4x Gigabit Ethercon on the front panel • 4x Gigabit Ethercon on the back panel ■ 2x Rugged Fiber Optics connectors (multiple options) on the front panel
Power	■ 1x PowerCon True One
Serial	none
SWITCH FEATURES	
RLinkX	✓
Groups (VLANs)	✓
Fan	1x 30mm
Ethernet Compliance	<ul style="list-style-type: none"> ■ IEEE 802.2 ■ IEEE 802.3 ■ IEEE 802.3u ■ IEEE 802.3x Flow Control ■ IEEE 802.3ab Gigabit Ethernet ■ IEEE 802.3af PoE ■ IEEE 802.3at PoE+ ■ IEEE 802.1p CoS ■ IEEE 802.1d Spanning Tree ■ IEEE 802.1w Rapid Spanning Tree ■ IEEE 802.1s Multiple Spanning Tree ■ IEEE 802.1Q VLAN ■ IEEE 802.1ad LACP ■ IEEE 802.1ab LLDP ■ IEEE 802.1BA AVB ■ IEEE 802.1AS gPtP ■ IEEE 802.1Qat ■ IEEE 802.1Qav ■ IEEE 1588-2008 PTPv2
Supported Protocols	<ul style="list-style-type: none"> ■ Dante®, Ethersound®, REAC®, sACN, ArtNet, MANet2, Q-Lan and many more! ■ IEEE 802.1p CoS (Class of Service) ■ DiffServ (DSCP) ■ PoE (802.3af) through optional module ■ IEEE 1588 PTP V2
Sound protocol compliance	Yes, low jitter and hardware timestamping
Ethernet Switch Type	Full non blocking wire-speedswitching performance
Memory	4Mb
MAC Address Table	8192 Entries
Address Learning / Aging	Self learning, Auto aging
Switching Throughput	20Gbps
IGMP support	Yes (V1/V2/V3)
IGMP Snooping	Yes, enabled by default
PORT FEATURES	
Port Sensing	Auto negotiation
Auto Crossover	MDI / MDIX (allow to use straight or cross wired cable)
Auto Sensing	Full or Half Duplex (Gigabit is Full Duplex)
STATUS REPORT	
Ethernet Port Connection	PoE (Orange LED), RlinkX (Blue LED), Link / Speed (Green/Orange LED), Group management, Aggregation
Ethernet Port Speed	100/1000Mbps LED
Device	Status LED (Green / Red LED)
Power	Status LED (Green / Orange / Red LED)
PoE (Supply)	Status LED (Green / Orange / Red LED)
RLinkX	Status LED (Blue)

TECHNICAL SPECIFICATIONS

MANAGEMENT	
Configuration	Through the built-in web server
POWER INPUT	
Power Input	■ 100-240VAC ■ 50-60Hz
Backup Power Input	N/A
Backup PoE Input	N/A
Power Consumption	■ 20 W non PoE version ■ 150 W PoE version
Thermal	■ 22.51 BTU/hr non PoE version ■ 476.72 BTU/hr PoE version - Max PoE load
Fuse	None
ENVIRONMENTAL	
Operating Temperature (non-PoE)	0 to +50 °C
Operating Temperature (PoE)	0 to +40 °C
Storage Temperature	-10 to +70 °C
Humidity (non condensing)	5 to 95 % RH
PHYSICAL	
Enclosure	Metal housing
Dimensions (W x D x H)	220x 330 x 44mm ■ 8,66" x 13" x 1,73"
Packaging (W x D x H)	530x 330 x 80mm ■ 21" x 13" x 3,15"
Weight	2.8 Kg
APPROVALS	
CE	✓
cSGSUS Mark (UL)	✓
CB certificate	✓
IEC 60950-1	✓
EN 60950-1	✓
UL 60950-1	✓
CAN/CSA-C22.2 No.60950-1	✓
FCC Part 15, CFR 47, Class A	✓
CAN/ICES-003(A)	✓
EN5024 (CISPR24)	✓
EN 61000	✓
EN 55032 class A	✓
RoHS Compliance	✓
Reach Compliance	✓