

GigaCore Ethernet Switches

Specifications (1/2)

Connectivity	■ GigaCore I2	■ GigaCore I4R	■ GigaCore I6Xt	■ GigaCore I6RFO
■ Network	12 x 10/100/1000Mbps shielded Neutrik Ethercon connectors 10 on the front, 2 at the rear	12 x 10/100/1000Mbps shielded Neutrik Ethercon connectors 10 on the front, 2 at the rear 2 x SFP cages, compliant with 10/100/1000Mbps Mini GBIC transceiver 1 x serial RJ45 console port	12 x 10/100/1000Mbps shielded Neutrik Ethercon connectors 10 on the front, 2 at the rear 4 x SFP cages, compliant with 10/100/1000Mbps Mini GBIC transceiver 1 x serial RJ45 console port 1 x RJ45 expansion port	12 x 10/100/1000Mbps shielded Neutrik Ethercon connectors 10 on the front, 2 at the rear 4 x slots for D type compliant rugged fibre connector 4 on the front, 4 at the rear 1 x serial RJ45 console port
■ Power	1 x IEC inlet with fuse holder	1 x IEC inlet with fuse holder 1 x redundant power input on Molex Micro-Fit 6 pins connector 1 x redundant PoE input on Molex Micro-Fit 6 pins connector	1 x IEC inlet with fuse holder 1 x redundant power input on Molex Micro-Fit 6 pins connector 1 x redundant PoE input on Molex Micro-Fit 6 pins connector	2 x Neutrik PowerCon True1 In/Out
Switch Features				
■ RLinkX	■ ✓	■ ✓	■ ✓	■ ✓
■ Groups	■ ✓	■ ✓	■ ✓	■ ✓
■ PoE Supply on the front ports	- Optional (Requires LU 01 00051-GC12 PoE supply) - Up to 150W spread on the ten front ports	- Optional (Requires LU 01 00051-GC14/16 PoE supply) - Up to 150W spread on the ten front ports	- Optional (Requires LU 01 00051-GC14/16 PoE supply) - Up to 150W spread on the ten front ports	- Optional (Requires LU 01 00051-GC16 RFO PoE supply) - Up to 150W spread on the ten front ports
■ Fan	■ 1	■ 2	■ 2	■ 2
■ Ethernet Compliance	- IEEE 802.3, IEEE 802.3u, - IEEE 802.3x Flow Control, - IEEE 802.3ab Gigabit Ethernet	- IEEE 802.3, IEEE 802.3u, - IEEE 802.3x Flow Control, - IEEE 802.3ab Gigabit Ethernet	- IEEE 802.3, IEEE 802.3u, - IEEE 802.3x Flow Control, - IEEE 802.3ab Gigabit Ethernet	- IEEE 802.3, IEEE 802.3u, - IEEE 802.3x Flow Control, - IEEE 802.3ab Gigabit Ethernet
■ Supported Protocols	- 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	- 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	- 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	- 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	■ Yes, Low jitter	■ Yes, Low jitter	■ Yes, Low jitter
■ Ethernet Switch Type	■ Full non blocking wire-speed switching performance	■ Full non blocking wire-speed switching performance	■ Full non blocking wire-speed switching performance	■ Full non blocking wire-speed switching performance
■ Memory	■ 4Mb	■ 4Mb	■ 4Mb	■ 4Mb
■ MAC Address Table	■ 8192 Entries	■ 8192 Entries	■ 8192 Entries	■ 8192 Entries
■ Address Learning / Aging	■ Self learning, Auto aging	■ Self learning, Auto aging	■ Self learning, Auto aging	■ Self learning, Auto aging
■ Switching Throughput	■ 32Gbps	■ 32Gbps	■ 32Gbps	■ 32Gbps
■ IGMP support	■ Yes (V1/V2/V3)	■ Yes (V1/V2/V3)	■ Yes (V1/V2/V3)	■ Yes (V1/V2/V3)
■ IGMP Snooping	■ Yes, enabled by default	■ Yes, enabled by default	■ Yes, enabled by default	■ Yes, enabled by default
Port Features				
■ Port Sensing	■ Auto negotiation	■ Auto negotiation	■ c	■ Auto negotiation
■ Auto Crossover	■ MDI / MDIX (allow to use straight or cross wired cable)	■ MDI / MDIX (allow to use straight or cross wired cable)	■ MDI / MDIX (allow to use straight or cross wired cable)	■ MDI / MDIX (allow to use straight or cross wired cable)
■ Auto Sensing	■ Full or Half Duplex (Gigabit is Full Duplex)	■ Full or Half Duplex (Gigabit is Full Duplex)	■ Full or Half Duplex (Gigabit is Full Duplex)	■ Full or Half Duplex (Gigabit is Full Duplex)
Status Report				
■ Front End Display	■ ✕	■ ✕	■ ✓	■ ✓
■ Ethernet Port Connection	■ PoE (Orange LED), RlinkX (Blue LED), Link / Speed (Green/Orange LED)	■ PoE (Orange LED), RlinkX (Blue LED), Link / Speed (Green/Orange LED)	■ PoE (Orange LED), RlinkX (Blue LED), Link / Speed (Green/Orange LED)	■ PoE (Orange LED), RlinkX (Blue LED), Link / Speed (Green/Orange LED)
■ Ethernet Port Speed	■ 100/1000Mbps LED	■ 100/1000Mbps LED	■ 100/1000Mbps LED	■ 100/1000Mbps LED
■ Device	■ Status LED (Green / Red LED)	■ Status LED (Green / Red LED)	■ Status LED (Green / Red LED)	■ Status LED (Green / Red LED)
■ Power	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)
■ PoE (Supply)	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)	■ Status LED (Green / Orange / Red LED)
■ RLinkX	■ Status LED (Available in a future release)	■ Status LED (Available in a future release)	■ Status LED (Available in a future release)	■ Status LED (Available in a future release)

GigaCore Ethernet Switches

Specifications (2/2)

Management	GigaCore I2	GigaCore I4R	GigaCore I6Xt	GigaCore I6RFO
■ Configuration	■ Through the built-in web server	■ Through the built-in web server	■ Through the built-in web server or with the front end display menu	■ Through the built-in web server or with the front end display menu
Power Input				
■ Power Input	■ 100-240VAC ■ 50-60Hz	■ 100-240VAC ■ 50-60Hz	■ 100-240VAC ■ 50-60Hz	■ 100-240VAC ■ 50-60Hz
■ Backup Power Input	■ ✗	■ 15VDC / 2A on Molex Micro-Fit ■ 6 pin connector	■ 15VDC / 2A on Molex Micro-Fit ■ 6 pin connector	■ 100 - 240VAC on Neutrik PowerCon True1 connector
■ Backup PoE Input	■ ✗	■ 48VDC / 2.1A on Molex Micro-Fit ■ 6 pin connector	■ 48VDC / 2.1A on Molex Micro-Fit ■ 6 pin connector	■ ✗
■ Power Consumption	■ Maximum 30W ■ Maximum 180W with PoE Supply Unit	■ Maximum 30W ■ Maximum 180W with PoE Supply Unit	■ Maximum 30W ■ Maximum 180W with PoE Supply Unit	■ Maximum 30W ■ Maximum 180W with PoE Supply Unit
■ Fuse	■ 3.15A 250V Slow Blow	■ 3.15A 250V Slow Blow	■ 3.15A 250V Slow Blow	■ 3.15A 250V Slow Blow
Environmental				
■ Operating Temperature	■ 0 to +50 °C	■ 0 to +50 °C	■ 0 to +50 °C	■ 0 to +50 °C
■ Storage Temperature	■ -10 to +70 °C	■ -10 to +70 °C	■ -10 to +70 °C	■ -10 to +70 °C
■ Humidity (non condensing)	■ 5 to 95 % RH	■ 5 to 95 % RH	■ 5 to 95 % RH	■ 5 to 95 % RH
Physical				
■ Enclosure	■ Metal housing	■ Metal housing	■ Metal housing	■ Metal housing
■ Dimensions (W x D x H)	■ 482 x 204,3 x 44 mm ■ 19" x 8.04" x 1.73"	■ 482 x 204,3 x 44 mm ■ 19" x 8.04" x 1.73"	■ 482 x 204,3 x 44 mm ■ 19" x 8.04" x 1.73"	■ 482 x 294.15 x 88.45 mm ■ 19" x 11.58" x 3.48"
■ Packaging	■ 520 x 235 x 50 mm ■ 20.47" x 9.25" x 1.96"	■ 520 x 235 x 50 mm ■ 20.47" x 9.25" x 1.96"	■ 520 x 235 x 50 mm ■ 20.47" x 9.25" x 1.96"	■ 510 x 410 x 136 mm ■ 20.07" x 16.14" x 5.35"
■ Weight	■ 2.5Kg	■ 2.5Kg	■ 2.5Kg	■ 4.9Kg
Approvals				
■ CE	■ ✓	■ ✓	■ ✓	■ ✓
■ EN 55103-1	■ ✓	■ ✓	■ ✓	■ ✓
■ EN 55103-2	■ ✓	■ ✓	■ ✓	■ ✓
■ EN 60950-1	■ ✓	■ ✓	■ ✓	■ ✓
■ RoHS Compliance	■ ✓	■ ✓	■ ✓	■ ✓

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