

# Network Switches

## Specifications (1/2)

Connectivity	GigaCore I6Xt	GigaCore I4R	GigaCore I2
<b>Network</b>	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 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
<b>Power</b>	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	1 x IEC inlet with fuse holder
<b>Switch Features</b>			
<b>RLinkX (Link redundancy)</b>	✓	✓	✓
<b>Groups (Segmentation)</b>	✓	✓	✓
<b>MultiLinkX (Link aggregation)</b>	✓ (Available in a future release)	✓ (Available in a future release)	✓ (Available in a future release)
<b>PoE Supply on the front ports</b>	Optional (Requires LU 01 00051-GC14/16 PoE supply) Up to 100W spread on the ten front ports	Optional (Requires LU 01 00051-GC14/16 PoE supply) Up to 100W spread on the ten front ports	Optional (Requires LU 01 00051-GC12 PoE supply) Up to 100W spread on the ten front ports
<b>Fan</b>	2	2	1
<b>Ethernet Compliance</b>	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
<b>Supported Protocols</b>	IEEE 802.1p CoS (Class of Service) PoE (802.3af) through optional module	IEEE 802.1p CoS (Class of Service) PoE (802.3af) through optional module	IEEE 802.1p CoS (Class of Service) PoE (802.3af) through optional module
<b>Sound protocol compliance</b>	Yes. Low jitter	Yes. Low jitter	Yes. Low jitter
<b>Ethernet Switch Type</b>	Full non blocking wire-speed switching performance	Full non blocking wire-speed switching performance	Full non blocking wire-speed switching performance
<b>Memory</b>	4Mb	4Mb	4Mb
<b>MAC Address Table</b>	8192 Entries	8192 Entries	8192 Entries
<b>Address Learning / Aging</b>	Self learning, Auto aging	Self learning, Auto aging	Self learning, Auto aging
<b>Switching Throughput</b>	32Gbps	32Gbps	32Gbps
<b>IGMP support</b>	Yes (V1/V2)	Yes (V1/V2)	Yes (V1/V2)
<b>IGMP Snooping</b>	✓	✓	✓
<b>Port Features</b>			
<b>Port Sensing</b>	Auto negotiation	Auto negotiation	Auto negotiation
<b>Auto Crossover</b>	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)
<b>Auto Sensing</b>	Full or Half Duplex (Gigabit is Full Duplex)	Full or Half Duplex (Gigabit is Full Duplex)	Full or Half Duplex (Gigabit is Full Duplex)
<b>Status Report</b>			
<b>Front End Display</b>	✓	✗	✗
<b>Ethernet Port Connection</b>	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)
<b>Ethernet Port Speed</b>	100/1000Mbps LED	100/1000Mbps LED	100/1000Mbps LED
<b>Device</b>	Status LED (Green / Red LED)	Status LED (Green / Red LED)	Status LED (Green / Red LED)
<b>Power</b>	Status LED (Green / Orange / Red LED)	Status LED (Green / Orange / Red LED)	Status LED (Green / Orange / Red LED)
<b>PoE (Supply)</b>	Status LED (Green / Orange / Red LED)	Status LED (Green / Orange / Red LED)	Status LED (Green / Orange / Red LED)
<b>RLinkX (Redundancy)</b>	Status LED (Available in a future release)	Status LED (Available in a future release)	Optional - Status LED (Available in a future release)
<b>Management</b>			
<b>Configuration</b>	Through the built-in web server or with the front end display menu (available in a future release)	Through the built-in web server	Through the built-in web server
<b>Power Input</b>			
<b>Power Input</b>	100-240VAC 50-60Hz	100-240VAC 50-60Hz	100-240VAC 50-60Hz
<b>Backup Power Input</b>	15VDC / 2A on Molex Micro-Fit 6 pin connector	15VDC / 2A on Molex Micro-Fit 6 pin connector	✗
<b>Backup PoE Input</b>	48VDC / 2.1A on Molex Micro-Fit 6 pin connector	48VDC / 2.1A on Molex Micro-Fit 6 pin connector	✗
<b>Power Consumption</b>	Maximum 30W Maximum 130W with PoE Supply Unit	Maximum 30W Maximum 130W with PoE Supply Unit	Maximum 30W Maximum 130W with PoE Supply Unit
<b>Fuse</b>	3.15A 250V Slow Blow	3.15A 250V Slow Blow	3.15A 250V Slow Blow

# Network Switches

## Specifications (2/2)

Environmental	GigaCore I6Xt	GigaCore I4R	GigaCore I2
Operating Temperature	0 to +60 °C	0 to +60 °C	0 to +60 °C
Storage Temperature	-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
Physical			
Enclosure	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"
Packaging	520 x 235 x 50 mm	520 x 235 x 50 mm	520 x 235 x 50 mm
Weight	2.5Kg	2.5Kg	2.5Kg
Approvals			
CE	✓	✓	✓
EN 55103-1	✓	✓	✓
EN 55103-2	✓	✓	✓
EN 60950-1	✓	✓	✓
RoHS Compliance	✓	✓	✓
EN 60825-1 Safety of laser Products-Part 1	✓	✓	✗
EN 60825-2 Safety of laser products-Part 2	✓	✓	✗

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