



QLogic Infiniband Switches for IBM System Cluster 1350 and IBM iDataPlex



QLogic 9024CU Managed 24-port DDR InfiniBand Edge Switch Bundle



QLogic 9024FC Externally Managed 24-port DDR InfiniBand Edge Switch Bundle for 1350



QLogic 9024FCi Externally Managed 24-port DDR InfiniBand Edge Switch Bundle for iDataPlex



QLogic 9080 96 port DDR InfiniBand Fabric Director Switch Bundle



QLogic 9120 144 port DDR InfiniBand Fabric Director Switch Bundle



QLogic 9240 288 port DDR InfiniBand Fabric Director Switch Bundle

PART NUMBER						
IBM MTMs	0449-010	0449-011	0449-012	0449-013	0449-014	0449-015
QLogic Part Number	9024-CU24-ST2-DDR-09X-BDL	9024-FC24-ST1-DDR-09X-BDL	9024-FC24-ST1-DDR-R-RAC-09X-BDL	9080-BASE-09X-BDL	9120-BASE-09X-BDL	9240-BASE-09X-BDL
CHASSIS						
Chassis height	1U	1U	1U	7U	7U	14U
Depth	25.5 inch	11.5 inch	11.5 inch	25.5 inch	25.5 inch	25.5 inch
Weight	16 lbs	16 lbs	16 lbs	90 lbs	100 lbs	180 lbs
System compacity	960 Gbps	960 Gbps	960 Gbps	3.84 Tb/s	5.76 Tb/s	11.52 Tb/s
PORTS						
Max # of IB ports	24	24	24	96	144	288
Max # of 4Gb ports	N/A	N/A	N/A	32	32	64
Max # of 10Gb ethernet ports	N/A	N/A	N/A	8	8	16
Type of port	SDR or DDR	SDR or DDR	SDR or DDR	SDR or DDR	SDR or DDR	SDR or DDR
Type of connector	CX4	CX4	CX4	CX4	CX4	CX4
Max # of spines	N/A	N/A	N/A	2	3	6
Max # of management spines	N/A	N/A	N/A	2	2	4
POWER						
AC power connector	Front	Front	Back	Front	Front	Front
Plug connction	IEC 320	IEC 320	IEC 320	IEC 320	IEC 320	IEC 320
Redundant power	optional	optional	optional	optional	optional	optional
Redunatant fans	yes	yes	yes	yes	yes	yes
FEATURES						
Auto sensing	12X / 4X / 1X	12X / 4X / 1X	12X / 4X / 1X	12X / 4X / 1X	12X / 4X / 1X	12X / 4X / 1X
SNMP management support	Yes	Yes	Yes	Yes	Yes	Yes
Fabric management	inband & out of band	inband	inband	inband & out of band	inband & out of band	inband & out of band
Chassis management	inband & out of band	inband	inband	inband & out of band	inband & out of band	inband & out of band
Switch latency	140ns	<140ns	<140ns	<140ns - <420ns	<140ns - <420ns	<140ns - <420ns
Redundant Management	No	No	No	optional	optional	optional

InfiniBand Line Card

For IBM System Cluster 1350 or IBM iDataPlex HPC environments, there is no better choice than the QLogic InfiniBand portfolio.



IBM iDataPlex

QLogic 9024FCI
Externally Managed 24-port DDR
InfiniBand Edge Switch Bundle,
custom designed to meet the unique
requirements for IBM iDataPlex

QLogic InfiniBand for IBM

Whether you're deploying an IBM System
Cluster 1350, or the new IBM iDataPlex,
QLogic has the right InfiniBand
interconnect for HPC environments.

More info and how to buy:

www.ibm.com or
888-SHOP-IBM (746-7426)



IBM System Cluster 1350

QLogic 9024CU, 9024FC, 9080, 9120, 9240
9024CU: Fixed 24-Port InfiniBand Switch
9024FC: Fixed 24-Port InfiniBand Switch
9080, 9120, 9240: Scalable 96, 144, and 288-Port
SDR/DDR InfiniBand Directors

http://www.qlogic.com/Solutions/OEM_IBM.aspx

QLogic's Dedicated IBM Account Team

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