



GIGABIT ETHERNET SWITCHES

The Xirrus XT access switch series is an enterprise-class switching platform. Together with the Xirrus XR Wi-Fi access portfolio, the XT switch series deliver a unified access layer that is simple to manage, yet provides powerful capabilities for scalable access. This switch family includes 24- and 48-port Gigabit Ethernet switches and a 3-port Gigabit wall switch. The larger switches are ideal for campus edge, remote offices, and workgroup environments while the wall switch is purpose built for delivering IP services in hotel rooms and dormitories.

Physical Specifications

	XT-5024	XT-5048	XT-5003
Dimension	17.4" (W) X 1.73" (H) X 15.15" (D)	17.4" (W) X 1.73" (H) X 15.15" (D)	Without Faceplate 2.26" (W) X 4.03" (H) X 2.82" (D) With Faceplate 2.75" (W) X 4.5" (H) X 2.82" (D)
Interfaces	Uplink 4 SPF+ 1/10Gbps Downlink 24 ports – 10/100/1000Mbps RJ-45 DB9 Console Port	Uplink 4 SPF+ 1/10Gbps Downlink 48 ports – 10/100/1000Mbps RJ-45 DB9 Console Port	Uplink 10/100/1000Mbps RJ45 802.3at (PoE+) Downlink 2 ports - 10/100/1000Mbps RJ45 802.3af (PoE)
Weight	8.16 lbs	11lbs	5.5 oz

	XT-5024	XT-5048
Line Rate Switching (64 byte packets)	95.23Mpps	130.94Mpps
Line Rate Switching (Gigabits per sec)	128Gbps	176Gbps
Copper Interfaces	24 10/100/1000Mbps	48 10/100/1000Mbps
PoE Budget (Pooled across all ports)	370 Watts • 802.3af/802.3at on all ports • Up to 38W on first 12 ports	779 Watts • 802.3af/802.3at on all ports • Up to 38W on first 12 ports



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	XT-5024	XT-5048
VLANs	4096	4096
Concurrent Active VLANs	4000	4000
Redundant Power	No	External RPS
Power	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz
Certification	CE Mark UL 60950-1:2003 EN 60950:2000 FCC Class A	CE Mark UL 60950-1:2003 EN 60950:2000 FCC Class A
Operating Temperature	0° to 40° C	0° to 40° C
Storage Temperature	-20°C to +70°C	-20°C to +70°C
Operating Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Green	802.3az Auto port on/off Cable Length Detection	802.3az Auto port on/off Cable Length Detection

LAYER 2 SWITCHING	XT-5024 / XT-5048
General	Jumbo Frame Support – 9KB MAC Table – 32,000 entries
Spanning Tree	Spanning Tree 802.1d Rapid Spanning Tree 802.1w Multiple Spanning Tree 802.1s
Discovery	LLDP (Link Layer Discovery Protocol) 802.1AB with LLDP-MED Extensions
Trunking	LACP 802.3ad 26 groups total 8 ports per group
VLAN	Port-based VLANs 802.1q tag-based VLANs MAC-based VLANs Management VLAN Private VLAN Edge (PVE) Voice VLAN Generic VLAN Registration (GVRP)
IGMP	IGMP Snooping – v1 / v2 / v3 IGMP Querier IGMP Proxy MLDv1 / v2 Snooping
IP	IPv4 IPv6
Security	802.1x IGMP-RADIUS based 802.1x Dynamic VLANs Layer 2 Isolation Private VLAN Edge (PVE) Port Security – MAC / port mapping lock IP Source Guard RADIUS TACACS+ Access Control List (ACL) – 256 entries



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LAYER 2 SWITCHING	XT-5024 / XT-5048
QoS	<ul style="list-style-type: none"> Hardware Queues – 8 queues Scheduling – Weighted Round Robin (WRR) Scheduling – Strict Priority Queue Assignment – DSCP Queue Assignment – 802.1p / CoS Classification – Port-based Classification – 802.1p VLAN Priority-based Classification – IPv4/v6 Precedence Classification – Type of Service (ToS) Classification – DSCP-based Classification – DiffServ
Rate Limiting	<ul style="list-style-type: none"> Ingress Policer Egress Shaping and Rate Control Per VLAN Per Flow Per Port
Management Interface	<ul style="list-style-type: none"> CLI via SSH v1 / v2 CLI via DB9 console port Web GUI Interface Manageable by Xirrus XMS-Enterprise* Manageable by Xirrus XMS-Cloud (2015)* Firmware Upgrade – HTTP(S) / TFTP
SNMP	SNMP v1, v2c, v3

LAYER 2 SWITCHING	XT-5003
802.3i	10BASE-T
802.3u	100BASE-TX
802.3ab	1000BASE-T Gigabit Ethernet
802.3x	Flow-Duplex Control
802.1p e	Honors 802.1p Tags
DSCP	Honors DSCP priority Tags
Jumbo Frames	Supports 9,720 byte frames
Certification	<ul style="list-style-type: none"> CE Mark UL 60950-1:2003 EN 60950:2000 FCC Class A



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PART NUMBER	DESCRIPTION
Configured Models	
XT-5024	24 port L2+ PoE+ Gigabit Managed Switch
XT-5048	48 port L2+ PoE+ Gigabit Managed Switch
XT-5003	3 Port Gigabit Wall Mount PoE Access Switch

About Xirrus

To organizations that depend on wireless access to transform their business, Xirrus is the wireless network solution provider that provides the world's most powerful, scalable, and trusted solutions. Through product invention and system design, commitment to customer success, and the industry's best price performance, Xirrus gives you confidence that your wireless network performs under even the most demanding circumstances. Headquartered in Thousand Oaks, CA, Xirrus is a privately held company and designs and manufactures its family of products.