



### Unlock the Potential of your 10G/Multi-Gig devices

The XS505M and XS508M come with Copper Ethernet ports that provide either FastEthernet, 1-Gigabit, 2.5-Gigabit, 5-Gigabit or 10-Gigabit connectivity, as well as 1 SFP+ Fiber port with 1-Gigabit or 10-Gigabit connectivity.

Each port automatically detects which speed is needed by the connected device and provides the adequate speed. As opposed to regular 10-Gigabit switches that will only provide 1-Gigabit connectivity to any device that require less than 10-Gigabit, the XS505M gives the exact speed required, no downgrade. Also, the new NETGEAR Multi-speed switch ports can be connected with regular Cat5E Ethernet cables, without the need to upgrade to Cat6 wiring, therefore reducing wiring costs and hassle



### Highlights

#### Multi-Speed Technology

- Expand your network instantly, and give your devices either 100Mb, 1, 2.5, 5 or 10 Gigabit, automatically

#### Plug and Play

- Simple set up with no software or configuration needed

#### Flexible Mounting

- Rackmount or Desktop Switches

#### SFP+ Port

- One SFP+ Fiber port with 1-Gigabit or 10-Gigabit connectivity – Ideal for high-speed uplink connectivity to your core network

#### High Quality and Reliable Performance

- Durable metal case and long product life (shown by MTBF numbers)

#### Whisper Quiet

- Whisper Quiet switch with an active fan

#### Industry leading warranty

- LIFETIME 24/7 Technical Support
- LIFETIME Hardware Warranty\*



### Hardware at a Glance

Model Name	Form-Factor	10-Gig/Multi-Gig Copper Ports	Internal Power Supply	10G SFP+ Ports	LED's	Case Material	Fans
XS505M	Rackmount/Desktop	4	Yes	1	Power, Fan, Port Link/Speed/Activity	Metal	Active Fan
XS508M	Rackmount/Desktop	7 <sup>1</sup>	Yes	1 x 10G/1G SFP+ and Copper (combo)	Power, Fan, Port Link/Speed/Activity	Metal	Active Fan



#### XS505M

- 4 x 10-Gig/Multi-Gig Copper Ports
- 1 x SFP+ Ports
- 19-inch Rackmountable



#### XS508M

- 7<sup>1</sup> x 10-Gig/Multi-Gig Copper Ports
- 1 x 10G/1G SFP+ and Copper (combo)
- 19-inch Rackmountable

<sup>1</sup> Port #8 is a combo Port

### Performance at a Glance

Model Name	Fabric	Packet buffer	Latency (Max Connection Speed)	VLANS	MAC Address Table	Priority Queues	Multicast IGMP Group	Packet Forwarding Rate (64 byte)	Jumbo Frames (bytes)
XS505M	100 Gbps line-rate	128KB	10Gbps: 4.845us 1000Mbps: <4us 100Mbps: <6us	N/A	2K Entries (dynamic)	8 (WRR)	N/A	10Gbps: 14,880,952fps 5Gbps: 7,440,476fps	up to 9K
XS508M	160Gbps line-rate	128KB	10Gbps: 4.913us 1000Mbps: <4us 100Mbps: <6us	N/A	2K Entries (dynamic)	8 (WRR)	N/A	2500Mbps: 3,720,238fps 1000Mbps: 1,488,095fps 100Mbps: 148,810fps	up to 9K

### Ordering Information

PACKAGE CONTENT	
All Models	XS505M or XS508M 10-Gigabit/Multi-Gigabit Ethernet Unmanaged Switch
	Power cord (localized to country of sale)
	Rack-mounting kit
	Quick install guide
Easy-Mount additional options (GS418TPP)	Mount for attachment to a wall, or rectangular pole
	Rubber belts
	Velcro straps
	Power cord locker
ORDERING INFORMATION	
XS505M-100NAS	North America and Latin America
XS505M-100EUS	Europe and United Kingdom
XS505M-100AJS	Asia Pacific and Australia
XS508M-100NAS	North America and Latin America
XS508M-100EUS	Europe and United Kingdom
XS508M-100AJS	Asia Pacific and Australia
OPTIONAL MODULES AND ACCESSORIES	
AFM735	SFP Transceiver 100BASE-FX (multimode)
AGM731	SFP Transceiver 1000BASE-SX (Short range, multimode)
AGM732F	SFP Transceiver 1000BASE-LX (Long range, single mode)
AGM734	SFP Transceiver 1000BASE-T Copper RJ45 GBIC
AXC761	10GSFP+ Cu (passive) SFP+ to SFP+ Direct Attach Cable 1m
AXC763	10GSFP+ Cu (passive) SFP+ to SFP+ Direct Attach Cable 3m
AXM761	10GBASE-SR SFP+ GBIC (OM3/OM4 Multimode)
AXM762	10GBASE-LR SFP+ GBIC (Single mode)
AXM763	10GBASE-LRM SFP+ GBIC (Long Reach Multimode for OM1/OM2, also compatible with OM3/OM4)
AXM764	10GBASE-LR LITE SFP+ GBIC (Single mode)

\* This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and modifications to product may void the warranty; covers hardware, fans, and internal power supplies - not software or external power supplies; see <http://www.netgear.com/about/warranty/> for details. Lifetime technical support includes basic phone support for 90 days from purchase date and lifetime online chat support when purchased from a NETGEAR authorized reseller.

\*\* The NETGEAR OnCall 24x7 contract provides unlimited phone and email technical support for your networking product. For ProSAFE products purchased prior to 06/2014, also includes next business-day hardware replacement.

† NETGEAR #1 in Fixed Web(Smart)-Managed Worldwide Market Share according to IHS Infonetics Ethernet Switches Market Share and Forecast, 1Q17 Edition, Dec 2016.

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