

NETGEAR®

Installation Guide

ProSafe® GBIC SFP Modules AGM731F and AGM732F

Package Contents

- ProSafe® GBIC SFP Modules AGM731F and AGM732F
- *Installation Guide*

Install Your Optical Module

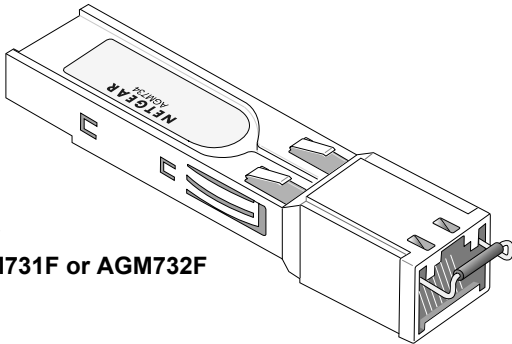
The 1000Base-X SFP Module provides full-duplex 1000 M bps Ethernet operation in each direction for NETGEAR managed switches.

The switch automatically detects the module, so you can simply plug it into an available module slot. Plugging in an SFP module disables the associated RJ-45 port.

The module can be inserted or removed while the switch is operational.



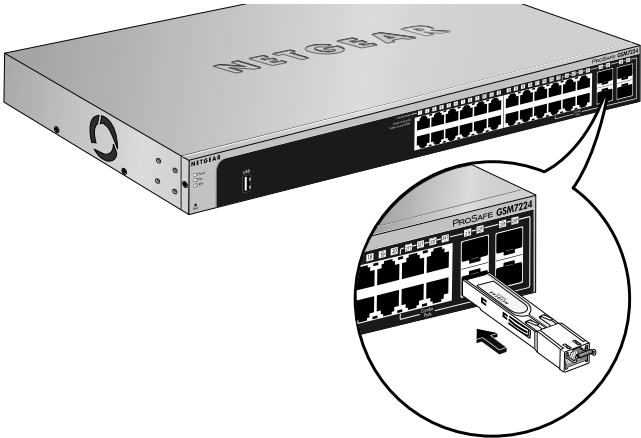
Because invisible laser radiation might be emitted from the aperture of the port when no fiber cable is connected, avoid exposure to laser radiation and do not stare into open apertures.



AGM731F or AGM732F

Install a Module

Insert the module firmly into the slot that supports the SFP interface. You should hear a click when the module is firmly seated.



Remove a Module

Release the module latch by pulling down the handle bar across the module, and pull the module out of the module slot.

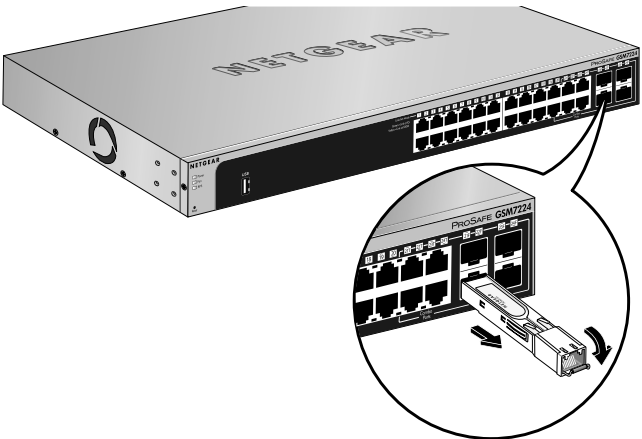


Table 1. Technical Specifications

Standards	IEEE 802.3z AGM731F 1000Base -SX AGM732F 1000Base-LX
Connectors	AGM731F: SC for 62.5 um or 50 um cable AGM732F: LC for 9 um cable
Operating temperature	32 to104° F (0 to 40°C)
Storage temperature	14 to158 °F (–10 to 70°C)
Operating relative humidity	10 to 90% non-condensing
Operating altitude	AGM731F: up to 3 Km (10 K ft) AGM732F: up to 10 Km (32.8 K ft)
Operating distance	AGM731F: 550 m AGM732F: 10Km
Power consumption	500 mW
MTBF	AGM731F: >10 years AGM732F: >10 years
Safety certification	UL 1950, CSA 22.2 No.60 950
Environmental compliance	RoHS

Statement of Conditions

In the interest of improving internal design, operational function, and reliability, NETGEAR reserves the right to change the product described in this document without notice. NETGEAR does not assume any liability that may accrue due to the use or application of the product(s) or circuit layout(s) described herein.

Regulatory Compliance

Certificate of Manufacture/Importer

It is hereby certified the NETGEAR model AGM731F and AGM732F has been suppressed in accordance with the condition set out in MBPT-Amtsb\Vfg 243/1991 and vfg 46/1992. The operation of some equipment (for example, test transmitters) in accordance with regulation may, however, be subject to certain restrictions. Please refer to the note in the operating instructions. Federal Office for Telecommunications Approvals has been notified of the placing of this equipment on the market and has been granted the right to test the series for compliance with regulation.

Note: This device has been tested and found to comply with limits for a Class B digital device, pursuant to part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation.

EN 55 024 Declaration of Conformance

This is to certify that the NETGEAR Model AGM731F/AGM732F is shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC, Article 4a. Conformity is declared by the application of EN55 024 Class A (CISPR 22).

FCC Compliance Notice: Radio Frequency Interference

This device complies with part 15 of the FCC rules.

Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. **Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to take whatever measures may be necessary to correct the interference at their own expense.**

FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- For product available in the USA market, only channel 1~11 can be operated. Selection of other channels is not possible.
- This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.



Class 1 laser product.

Class 1 LED product.

Because invisible laser radiation may be emitted from the aperture of the port when no fiber cable is connected, avoid exposure to laser radiation and do not stare into open apertures.

Technical Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product, and use it to register your product at <http://www.NETGEAR.com/register>. Registration is required to use the NETGEAR telephone support service. For product updates, additional documentation, and support go to <http://support.netgear.com>.

For complete DoC go to the NETGEAR EU Declarations of Conformity website at http://support.netgear.com/app/answers/detail/a_id/11621.

For GNU General Public License (GPL) related information, go to http://support.netgear.com/app/answers/detail/a_id/2649.

WARNING!! *Do not* stack equipment, or place equipment in tight spaces, or in drawers. Be sure your equipment is surrounded by at least 2 inches of air space.



This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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