

# NETGEAR®

## Notification of Compliance

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## Safety Information and Notices

Follow the warnings, cautions and notes in the relevant Device Safety and Regulatory Information document in the safety compliance section of [www.netgear.com/about/regulatory/](http://www.netgear.com/about/regulatory/)

### Safe Battery Handling and Usage

Follow the warnings, cautions and notes in the Battery Safety Notice document in the safety compliance section of [www.netgear.com/about/regulatory/](http://www.netgear.com/about/regulatory/)

If your power adapter has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.

The equipment should only be connected to a socket outlet that is near the equipment and easily accessible.

### Marking Location

The marking information for Netgear products, including all Netgear Switches and rackmount ReadyNAS products and almost all wireless router and satellites is located at the bottom of apparatus.

### Use in locations where children are not likely to be present

The following products is not suitable for using in locations where children are likely to be present

GSM4212P/PX/UX	XSM4316	XSM4340FV/V/CV	CSM4532	GSM4328
GSM4230P/PX/UP	XSM4324	VSM4320C	XSM4556	GSM4352
GSM4248P/PX/UX	XSM4328FV/CV	XSM4344C:	XSM4316S/PS	XSM4324S/CS/FS
MSM4214X	MSM4352	XSM4396S	GSM4328S/PS	XSM4348S/CS/FS
XSM4216F	GSM4352S/PS	GS524PP/UP	GS724Tv6	GS752TPv2/v3
JGS524Ev2	GS324T/TP	GS524v3	GS724TPv2/v3	GS752TPP/v3
GS324v2	GS348/PP	GS716TP	GS728TPPv2/v3	All ReadyNAS
GS324P/PP	XS724EM/TM	GS724Tv4	GS748Tv5/v6	

### Notices for Restricted Access

ReadyNAS is intended to be installed in a Restricted Access Location and only allowed to be operated by qualified service personnel.

### Notice for Coaxial Cable TV and Internet connection (on Selected Models)

The information in this section applies to NETGEAR products incorporating a TV tuner. Note to CATV System Installer: This reminder is provided to call the CATV system installer's attention to Section 820-93 of the National Electrical Code, which provides guidelines for proper grounding and in particular specifies that the Coaxial cable shield shall be connected to the grounding system of the building as close to the point of cable entry as possible.

## Regulatory Compliance Information

This document includes user requirements for operating NETGEAR products in accordance with national laws including usage of radio spectrum and operation of radio devices. Failure of the end-user to comply with the applicable requirements may result in unlawful operation and adverse action against the end-user by the applicable national regulatory authority.

The NETGEAR wireless product firmware limits operation to only the channels allowed in a particular region or country. Therefore, all options described in this document may not be available in your version of the product.

This document applies to both Class A and Class B devices:

- Class A devices are intended to be used in a commercial or industrial environment. They are not intended to be used in a residential home or be available for general public use.
- Class B devices are intended to be used in a residential setting, and may also be used in commercial and industrial applications. Examples of Class B devices are telephones, personal computers, and residential data gateways.
- Fuses should only be installed by service personnel.
- NETGEAR recommends the use of 26 AWG or larger gauge phone line cords.

## Equipment Certified for Outdoor Use

Netgear products are intended for indoor use with the following exception:

The following products are certified for outdoor use:

*Table 1: Products certified for outdoor use*

RBS50Y	WAX608Y	WAX610Y	
MR1100	MR2100	MR5100	MR5200
MR6110	MR6150	MR6220	MR6400
MR6500	MR6520	MR6550	
A6100	A6150	A6210	A7000
A8000			

Caution for **installing** this equipment outdoors: Be aware that outdoor installations require special attention and will only be handled by trained and qualified installation personnel. No one from the general public is permitted to install NETGEAR wireless products outdoors when external antennas, power and grounding must be installed for use. Particular attention has to be given allowed operational frequencies. Contact NETGEAR for instructions on how to contact an installer for outdoor operations if this product requires the special considerations for outdoor installations.

For detailed information concerning installations in France, the user should contact the national spectrum authority in France (<http://www.arcep.fr/> )

The device is restricted to indoor use when operating in the frequency ranges in some countries,

5150 to 5350 MHz

5925 to 7125 MHz,

details please check with country authority

FCC and ISED regulations restrict the operation of this device to indoor use only for Access Point mode in the frequencies 5850 – 7125 MHz.

## Equipment with External Antennas

Equipment must use antennas and cable specified or others such that the net gain (antenna + cable) is less than specified below:

Table 2. External antenna gain

Product	Frequency	External Antenna Maximum Net Gain (dBi)	Recommended or Default Antenna(s)
EX6200	2400-2500 MHz 5100-5850 MHz		Masterwave 98619PRX005
RS400	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX004
R6800	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX004
R6900P, R7000P	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX004
R6900, R7450	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX009
AC2600,	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX009
R7200, R7350, R7400	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRX009
D7000	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRX000
EX7000, DC112A	2400-2500 MHz 5100-5850 MHz	2dB	Masterwave 98619PRX006
D7800, R7800	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRX003 98365PRX004
C6220	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRX003 98365PRX004
XR450, XR500	2400-2500 MHz 5100-5850 MHz		Masterwave 98366PRX000 98366PRX001 98366PRX002
RAX42, RAX43, RAX45, RAX48	2400-2500 MHz 5100-5850 MHz		Masterwave 98369PRX000, 98369URS000, 98369PRX001
RAX50, RAX50S	2400-2500 MHz 5100-5850 MHz		Masterwave 98369PRX000, 98369URS000, 98369PRX001
MR1100, MR2100	2.4 and 5GHz WCDMA and LTE bands	internal	Internal Internal or Netgear 6000451
XR1000	2400-2500 MHz 5100-5850 MHz		Netgear 400-10088-01, 400-10090-01, 400-10094-01
MR5100/MR5200	2.4 and 5GHz WCDMA, LTE and 5G bands: B2, B4, B25, B66 B5, B12, B13, B17, B71 B7, B30, B38, B41	Internal. - .48, 0.25 0.54, 0.48 0.24, 0.28	Internal
LAX20	2400-2500 MHz 5100-5850 MHz WCDMA and LTE bands		Netgear 400-10092-01 Netgear 400-10092-01 Internal
LM1200	600 MHz 700 MHz 800 MHz 1700 MHz 1800 MHz	8.55 8.73 9.42 5 8	
NBR750	2.4 and 5GHz WCDMA, LTE and 5G bands: 663-849 1710-1915 2305-3700	Internal -2.8 -4.0 -4.53	Internal
LBR20	2.4 and 5GHz WCDMA and LTE bands	internal	Internal Internal or Netgear 6000451
MR6500/MR6110	2.4, 5, 6 GHz LTE and 5GNR bands:	Internal	Internal

	B2, B4, B5, B7, B12, B14, B29, B66, n2, n5, n12, n14, n66 B30, n30 B48 n77	4.0 1.05 0.17 6	Internal Internal Internal Internal
MR6150/MR6550	2.4, 5, 6 GHz LTE and 5G NR bands: B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B66, B71, n2, n5, n7, n12, n14, n25, n38, n41, n66, n71, n77, n78 B30, n30 B48, n48, (n77, n78 for ISED) B42	Internal 4.0 1.05 0.17 -0.23	Internal Internal Internal Internal
MR6400	2.4, 5, 6 GHz LTE and 5G NR bands: B2, B4, B5, B7, B12, B13, B14, B25, B26, B41, B66, B71, n2, n5, n12, n14, n25, n41, n66, n71 B30, n30 B48, n48 B42 n77	Internal 4.0 1.05 0.17 -0.23 6	Internal Internal Internal Internal

# Regulatory Requirements for operation in Europe (GB, UK and EU)

This section applies to products bearing the CE mark and/or UKCA mark:



Products bearing the CE mark comply with the following EU directives:

- Ecodesign Directive 2009/125/EC
- RoHS Directive 2011/65/EU and Amendment RoHS Directive 2015/863
- Chemical substance (REACH) Regulation (EC) No 1907/2006
- Packaging and Packaging waste Directive 94/62/EC and amendment Directive 2005/20/EC

For non-Radio equipment:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU

For Radio Equipment:

- Radio Equipment Directive 2014/53/EU (RED)

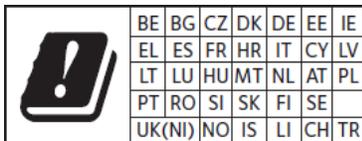
Compliance with these Directives implies conformity to harmonized European standards that are noted in the EU Declaration of Conformity. The EU CE Declaration of Conformity may be found at [http://support.netgear.com/app/answers/detail/a\\_id/11621/](http://support.netgear.com/app/answers/detail/a_id/11621/).

Products bearing the UKCA mark comply with UK Statutory Instruments and the appropriate designated standards as indicated in the UKCA Declaration of Conformity. The UKCA Declaration of Conformity may be found at: <https://kb.netgear.com/000062897/UKCA-Declarations-of-Conformity>

## Compliance with 2014/53/EU Radio Equipment Directive (RED)

NETGEAR products with the CE marking comply with the requirement of Article 10(2) as they can be operated in at least one Member State as examined.

In accordance with Article 10(10) NETGEAR products which bear the following pictogram on the packaging indicates that this device has restrictions described below in the countries shown:



- The device is restricted to indoor use only when operating in the frequency ranges:  
5150 to 5350 MHz  
5945 to 6425 MHz
- **Operation** in frequency range 5945-6425 MHz is not allowed in countries within the EU and EFTA before December 2021 except for CY, CZ, DE, FR, SI, NO and UK(NI).
- Devices with 5945-6425 MHz are allowed in Belgium from October 2021 under the Authorization Regime until the Royal Decree is updated to make this frequency band exempt or unlicensed. Each location where devices are located requires a general license, see BIPT for details. Additional references:
  - <https://www.bipt.be/consumers/free-use-of-radio>
  - <https://www.bipt.be/operators/general-holders-licences>

### Guidance for Radio Frequency Exposure

For devices other than mobile hotspots and USB modems, to meet Maximum Permissible Exposure (MPE) conditions, ensure that at least 20cm separation distance is maintained between the NETGEAR wireless device and the body of the user. For further details see the Radio Exposure section at:

<https://www.netgear.com/about/regulatory/>

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of NETGEAR wireless products for sale in the EU:

#### Wi-Fi

Frequency range (MHz)	Channels used	Max. Transmit Power (dBm/mW)
2400-2483.5	1-13	ODFM: 19.9dBm (97.7mW) CCK: 17.9dBm (61.7mW)
5150-5250	36-48	22.9dBm (195mW)
5250-5350	52-64	22.9dBm (195mW) with TPC 19.9dBm (97.7mW) non-TPC
5470-5725	100-140	29.9dBm (977mW) with TPC 26.9dBm (490mW) non-TPC
5945-6425	1 -93	22.9dBm (195mW)

TPC: Transmit Power Control.

#### Cellular

Frequency (MHz)	Bands used	Max. Transmit Power (dBm/mW)
703-748	Band 28	23.9dBm (245mW)
832-862	Band 20	23.9dBm (245mW)
880-915	Band 8	23.9dBm (245mW)
1710-1785	Band 3	FDD: 23.9dBm (245mW)
1920-1980	Band 1	23.9dBm (245mW)
2300-2400	Band 40	23.9dBm (245mW)
2496-2690	Band 41	26.9dBm (500mW)
2500-2570	Band 7	23.9dBm (245mW)
2570-2620	Band 38	23.9dBm (245mW)
3300-4200	Band 77, 78	26.9dBm (500mW)

## Specific Precautions for EMC

Netgear products including all wireless devices, modules and small switches are EMC class B devices. Ethernet switches with more than 8 ports are generally EMC class A devices.

Warning: NETGEAR Class A equipment is compliant with Class A of EN 55032. In a residential environment this equipment may cause radio interference in which case the user may be required to take adequate measures.

## FCC Requirements for Operation in the United States

### FCC Declaration of Conformity

We, NETGEAR, Inc., 350 East Plumeria Drive, San Jose, CA 95134 ([www.netgear.com/support](http://www.netgear.com/support)), declare under our sole responsibility that all products complies with Part 15 Subpart B of FCC CFR47 Rules. Operation is subject to the following two conditions:

- (1) The device may not cause harmful interference, and
- (2) The device must accept any interference received, including interference that may cause undesired operation.

## FCC Information to User

This NETGEAR product does not contain any user serviceable components. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

The following statement applies to products where the FCC compliance statement cannot be included on the label:

*Table 3. Products too small for FCC Label*

A6100	A7000	ACC763	AGM731F	AXM761	AXM764
A6150	A8000	ACM761	AGM732F	AXM762	AXM765v2
A6210	ACC761	ACM762	AGM734	AXM763	RBK40

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.

## FCC Radio Frequency Warnings & Instructions

For products available in the USA market, only channel 1~11 can be operated. Selection of other channels is not possible.

### Country Code Selection Usage (WLAN devices)

The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

This NETGEAR product is to be used with approved antennas only. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

The device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC Regulations.

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.

### 5.9 and 6GHz Wi-Fi Devices

FCC regulations restrict the operation of this device to indoor use only. This device cannot be used to provide connection between separate buildings or structures. The operation of this is prohibited on oil platforms, cars, trains, boats, and aircraft, except the device is permitted in large aircraft while flying above 10,000 feet. Operation of transmitters in the 5.915-7.125 GHz band is prohibited for control of or communication with unmanned aircraft systems.

## FCC RF Radiation Exposure and SAR Statements

### The information in this section applies to products that transmit data or communicate wirelessly - SAR Statement

The information in this section applies to NETGEAR wireless products that are intended to be operated close to human body.

NETGEAR products that are intended to be operated close to the human body are tested for body-worn Specific Absorption Rate (SAR) compliance. This product meets applicable national SAR limits of 1.6W/kg. When carrying the product or using it while worn on your body, maintain a distance of 10mm from the body to ensure compliance with

RF exposure requirements. To verify the minimum distance and for further details and to see the highest SAR level measured for this device, see the Radio Exposure section at:

<https://www.netgear.com/about/regulatory/>

NETGEAR USB dongle transmitters are approved for use in typical laptop computers. To comply with FCC RF exposure requirements, do not use NETGEAR USB dongle transmitters in other devices or certain laptop and tablet computer configurations where the USB connectors on the host computer are unable to provide or ensure the necessary operating configurations intended for the device and its users or bystanders to satisfy RF exposure compliance requirements.

#### **Maximum Permissive Exposure Statement**

The information in this section applies to NETGEAR wireless products that are intended to be operated at least 20 cm away from human body.

NETGEAR products comply with FCC radiation exposure limits set forth for an uncontrolled environment. It is recommended that equipment should be installed and operated with minimum distance of 35cm between the radiator and your body. To verify the minimum distance and for further details for specific products see the Radio Exposure section at:

<https://www.netgear.com/about/regulatory/>

### **Specific Precautions for EMC**

Netgear products including all wireless devices, modules and small switches are EMC class B devices. Ethernet switches with more than 8 ports are generally EMC class A devices.

#### **Class B products**

The NETGEAR product has been tested and found to comply with the limits for a Class B 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an electrical outlet on a circuit different from that which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### **Class A products**

The NETGEAR product 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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

# Innovation, Science and Economic Development Canada (ISED)

## Regulations - English

The information in this section applies to products bearing any of the following statements:

CAN ICES-003(B)/NMB-003(B)

CAN ICES-003(A)/NMB-003(A)

“This digital apparatus does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.”

All NETGEAR products comply with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) NETGEAR products may not cause harmful interference, and (2) NETGEAR products must accept any interference received, including interference that may cause undesired operation.

### Radio Frequency Warnings & Instructions

For products available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

The device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

The device for the band 5150-5250 MHz and 5850-5895 MHz are only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems and ITS applications.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Under ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. See Table 2

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz must comply with the EIRP (Equivalent Isotropically Radiated Power) limit.

The maximum antenna gain permitted for devices in the band 5725-5825 MHz must comply with the EIRP (Equivalent Isotropically Radiated Power) limits specified for point-to-point and point-to-multipoint operation as appropriate.

The device for the band 5925-6425 MHz is only for indoor use. The operation of this is prohibited on oil platforms, cars, trains, boats, and aircraft, except the device is permitted in large aircraft while flying above 10,000 feet. Operation of transmitters in the 5925-6425 MHz band is prohibited for control of or communication with unmanned aircraft systems.

## **IMPORTANT NOTE: Radiation Exposure Statement**

### **SAR warning:**

The information in this section applies to NETGEAR wireless products that are intended to be operated close to human body.

NETGEAR products are compliant with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528. Maintain at least 10mm distance for body-warn condition.

NETGEAR products comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in its manual. Further RF exposure reduction can be achieved by keeping the product as far as possible from your body or by setting the device to a lower output power if such a function is available.

For further details and to see the highest SAR level measured for this device, see the Radio Exposure section at:

<https://www.netgear.com/about/regulatory/>

### **Maximum Permissive Exposure Statement**

The information in this section applies to NETGEAR wireless products that are intended to be operated at least 20 cm away from human body.

NETGEAR products comply with IC radiation exposure limits set forth for an uncontrolled environment. NETGEAR products should be installed and operated with minimum distance 70cm between the radiator and your body. To verify the minimum distance and for further details and to see the highest SAR level measured for this device, see the Radio Exposure section at:

<https://www.netgear.com/about/regulatory/>

### **Ontario Regulation 522/20**

Ontario's Electronic and Electrical Equipment (EEE) regulations are in effect as of January 1, 2021, under the Resource Recovery and Circular Economy Act. NETGEAR is fulfilling its obligations through EPRA Ontario, its selected Producer Responsibility Organization. Visit EPRA's website at <https://EPRAON.ca> for information about collection of end-of-life electronics and more information on the program.

## **Réglementations du ministère Innovation, Sciences et Développement économique Canada (ISDE) – français**

Les informations de cette rubrique s'appliquent aux produits portant l'une des déclarations suivantes :

CAN ICES-003 (B)/NMB-003(B)

CAN ICES-003 (A)/NMB-003(A)

« Cet appareil numérique respecte les restrictions des émissions radio destinées aux appareils numériques de classe B établies par la réglementation canadienne sur les interférences radio. »

Tous les produits NETGEAR sont conformes aux normes RSS exemptes de licence d'ISDE. Le fonctionnement est soumis aux deux conditions suivantes : (1) les produits NETGEAR ne produisent pas d'interférences nuisibles, et (2) les produits NETGEAR doivent accepter toutes les interférences reçues, notamment celles qui peuvent entraîner un fonctionnement non souhaité.

## **Avertissements et instructions relatifs aux fréquences radio**

Pour les produits disponibles sur le marché américain ou canadien, seul le canal 1~11 est utilisable. Il n'est pas possible de sélectionner d'autres canaux.

Cet appareil et son (ses) antenne(s) ne doivent pas se trouver à proximité ou fonctionner en combinaison avec d'autres antennes ou émetteurs, sauf en accord avec les procédures d'IC concernant les produits multi-émetteurs.

L'appareil pour la bande 5150-5250 MHz est uniquement destiné à une utilisation en intérieur afin de réduire les risques d'interférences nuisibles pour les systèmes mobiles par satellite à canaux partagés.

Les utilisateurs doivent également être informés que les radars à haute puissance sont attribués comme utilisateurs principaux (c'est-à-dire les utilisateurs prioritaires) des bandes 5250-5350 MHz et 5650-5850 MHz, et que ces radars peuvent causer des interférences et/ou endommager les appareils LE-LAN.

En vertu des réglementations d'ISDE, cet émetteur radio ne peut fonctionner qu'avec une antenne d'un type et d'un gain maximum (ou inférieur) approuvés pour l'émetteur par ISDE. Afin de réduire les interférences radio potentielles pour les autres utilisateurs, le type d'antenne et son gain doivent être choisis de telle sorte que la puissance isotrope rayonnée équivalente (PIRE) ne soit pas supérieure à celle nécessaire à la réussite de la communication. Voir tableau 2

Le gain d'antenne maximal autorisé pour les appareils des bandes 5250-5350 MHz et 5470-5725 MHz doit être conforme à la limite de PIRE (puissance isotrope rayonnée équivalente).

Le gain d'antenne maximal autorisé pour les appareils de la bande 5725-5825 MHz doit être conforme aux limites de PIRE (puissance isotrope rayonnée équivalente) spécifiées pour le fonctionnement point à point et point à multipoint, selon le cas.

L'appareil pour la bande 5925-6425 MHz est uniquement destiné à une utilisation en intérieur. L'utilisation de cet appareil est interdite à bord des plateformes pétrolières, des voitures, des trains, des bateaux et des aéronefs, à l'exception : l'utilisation de cet appareil est autorisée à bord des avions volant à plus de 10 000 pieds d'altitude. L'utilisation d'émetteurs sur la bande 5925-6425 MHz est interdite pour le contrôle des systèmes d'aéronef sans pilote ou la communication avec ces systèmes.

## **REMARQUE IMPORTANTE : Déclaration concernant l'exposition aux rayonnements**

### **Avertissement relatif au DAS :**

Les informations de cette rubrique s'appliquent aux produits Wifi NETGEAR destinés à être utilisés à proximité du corps humain.

Les produits NETGEAR sont conformes au DAS pour la population générale/aux limites d'exposition non contrôlée de la norme IC RSS-102 et ont été testés dans le respect des procédures et méthodes d'évaluation spécifiées dans la norme IEEE 1528. Maintenez une distance d'au moins 10 mm si l'appareil est porté près du corps.

Les produits NETGEAR sont conformes à la limite d'exposition aux fréquences radio portables du Canada définie pour un environnement non contrôlé et sont sûrs pour l'utilisation prévue, comme décrit dans son manuel. Une réduction supplémentaire de l'exposition aux fréquences radio peut être obtenue en maintenant le produit aussi loin que possible de votre corps ou en réglant l'appareil sur une puissance de sortie inférieure, si une telle fonction est disponible.

Pour plus de détails et pour connaître le niveau de DAS le plus élevé mesuré pour cet appareil, reportez-vous à la rubrique Exposition radio à l'adresse suivante :

<https://www.netgear.com/fr/about/regulatory/>

### **Déclaration de limite d'exposition maximale admissible**

Les informations de cette rubrique s'appliquent aux produits Wifi NETGEAR conçus pour être utilisés à au moins 20 cm du corps humain.

Les produits NETGEAR sont conformes aux limites d'exposition aux rayonnements IC définies pour un environnement non contrôlé. Lorsque vous installez et utilisez des produits NETGEAR, maintenez une distance minimale de 70 cm entre l'élément rayonnant et votre corps. Pour vérifier la distance minimale, pour plus d'informations et pour connaître le niveau de DAS le plus élevé mesuré pour cet appareil, reportez-vous à la rubrique Exposition radio à l'adresse suivante :

<https://www.netgear.com/fr/about/regulatory/>

### **Règlement 522/20 de l'Ontario**

Les réglementations de l'Ontario sur les équipements électroniques et électriques (EEE) sont en vigueur à compter du 1er janvier 2021, en vertu de la loi sur le rétablissement des ressources et l'économie circulaire. NETGEAR s'acquitte de ses obligations par l'intermédiaire d'EPRA Ontario, son organisme de responsabilité des producteurs sélectionné. Visitez le site web d'EPRA à l'adresse <https://EPRAON.ca> pour obtenir des informations sur la collecte des appareils électroniques en fin de vie et en savoir plus sur le programme.

### **Interference Reduction Table**

The table below shows the Recommended Minimum Distance between NETGEAR equipment and household appliances to reduce interference (in feet and meters).

<b>Household Appliance</b>	<b>Recommended Minimum Distance (in feet and meters)</b>
Microwave oven	30 feet / 9 meters
Baby monitor – analog	20 feet / 6 meters
Baby monitor – digital	40 feet / 12 meters
Cordless phone – analog	20 feet / 6 meters
Cordless phone – digital	30 feet / 9 meters
Bluetooth device	20 feet / 6 meters
ZigBee	20 feet / 6 meters

## Australia and New Zealand Notices

The information in this section applies to products bearing the Australia and New Zealand Regulatory Compliance Mark (RCM):



This device equipment complies with the Australian and New Zealand regulatory approvals requirements. RCM Mark on the Product

The following SFP modules have a small form factor and are intended for use in Netgear switches (which have the RCM logo marking). Due to the size of these modules, the RCM mark is placed on the product packaging:

*Table 4. Products too small for RCM Label*

AGM734	AGM731F	AGM732F	
AXM761	AXM762	AXM763	AXM764
ACM761	ACM762	AXM765v2	

## Warning

NETGEAR Class A products that may be utilized in domestic/residential environments may cause radio interference in which case the user may be required to take adequate measures.

## China Notice RoHS

This information in this section applies to products bearing China RoHS symbol

根据中国 RoHS 要求，查看本产品中有害物质的相关信息，请登入下面链接后点击对应产品型号名称：  
<http://support.netgear.cn/China-RoHS>

## Japan Notices VCCI

This information in this section applies to products bearing the VCCI mark:



### Class A ITE

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI - A

## Japan Telecom Network Notice

Unless noted otherwise in relevant product user information, NETGEAR products providing WiFi and Ethernet interfaces are not intended to be connected to the public telecom network.



## Japan Wireless Notice

この製品には、認証済みの無線機器を搭載しています。

### Restriction of use 5GHz W52 and W53

電波法の規定により 5GHz 帯 (W52、W53) は屋内使用に限ります。

### Restriction of WiFi 6E master model to use 6GHz W52 and W53

5GHz帯 (W52, W53) 及び6GHz帯 (LPI) : 屋内利用限定

### Restriction of WiFi 6E client model to use 6GHz W52 and W53

5GHz帯 (W52, W53) 及び6GHz帯 (LPI) : 屋内利用限定 (5.2GHz帯高出力データ通信システムの基地局や中継局との通信を除く)

## Germany Notices

The following warning applies to Powerline products with pass-through sockets:

Nicht hintereinander stecken.

## India Telecom Network Notice

Unless noted otherwise in relevant product user information, NETGEAR products providing WiFi and Ethernet interfaces are not intended to be connected to the public telecom network.

## South Korea Notices

The information in this section applies to products bearing the KCC mark:



알림 : 대한민국으로 배송되는 제품인 경우

Class A : A 급 기기 (업무용 방송통신기자재)	이 기기는 업무용(A 급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.
Class B : B 급 기기 (가정용 방송통신기자재)	이 기기는 가정용(B 급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

*For Wireless Equipment with 2,400~2,483.5MHz and/or 5725~5850MHz (The Radio Equipment Rule, Article 98, Item No.)*

해당 무선설비가 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없음

(This wireless/radio equipment can't be used for services of safety in human life because it has a possibility of radio interference)

## Mexico Notices

This information applies to products bearing an IFETEL certification number IFT:xxxxxxxxxxxx:

“La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.”

English Translation for Reference : The operation of this equipment is subject to the following two conditions: (1) it is possible that this equipment or device may not cause harmful interference, and (2) this equipment or device must accept any interference, including interference that may cause undesired operation.

## Russia Notices

NETGEAR products which ship to the Eurasian Customs Union are assessed against the relevant requirements and are labeled with the EAC mark as shown below:

Продукты NETGEAR, которые поставляются в Евразийский таможенный союз, оцениваются с учетом соответствующих требований и помечены знаком ЕАС, как показано ниже:



The following warning applies to 5GHz wireless products for use outdoors in Russia:

Внимание: перед использованием точки доступа вне помещений убедитесь, что радиомодуль, работающий в диапазоне 5 ГГц, отключен!

Использование диапазона 5 ГГц вне закрытых помещений допускается только при наличии разрешения государственных органов, осуществляющих надзор в сфере использования радиочастот.

Получите разрешение на использование частот в диапазоне 5 ГГц, а также при необходимости другие документы в соответствии с действующим законодательством, перед установкой точки доступа вне помещений..

## Taiwan BSMI 注意事項

The following statement applies to Class A products:

甲類資訊設備警語:

警告: 為避免電磁干擾, 本產品不應安裝或使用於住宅環境。

使用者自行購買BSMI合格的電源線

## Taiwan NCC 注意事項

The information in this section applies to products bearing the Taiwan National Communications Commission mark:



使用與操作無線射頻產品時, 請注意下列事項。

取得審驗證明之低功率射頻器材, 非經核准, 公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信; 經發現有干擾現象時, 應立即停用, 並改善至無干擾時方得繼續使用。前述合法通信, 指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

使用 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻段之設備應具備動態頻率選擇雷達偵測功能並啟動之。應避免影響附近電達系統之操作。

無線資訊傳輸設備忍受合法通信之干擾且不得干擾合法通信; 如造成干擾, 應立即停用, 俟無干擾之虞, 始得繼續使用。

無線資訊傳設備的製造廠商應確保頻率穩定性, 如依製造廠商使用手冊上所述正常操作, 發射的信號應維持於操作頻帶中。

對任何可能造成違反管理辦法規定之調整予以警告, 或建議由具有發射機維修專長之技術人員執行或由其直接監督及負責。

對任何可能造成違反管理辦法之零件(晶體、半導體等)置換之警告。

電磁波暴露量(MPE) 說明:

電磁波暴露量(MPE) 標準值  $1 \text{ mW/cm}^2$ 。使用產品時, 產品距離人體, 應大於表 2 中的建議值。

[https://www.downloads.netgear.com/files/netgear/pdfs/MPE\\_SAR\\_EN.pdf](https://www.downloads.netgear.com/files/netgear/pdfs/MPE_SAR_EN.pdf)

## Thailand Notice

The information in this section applies to products approved by the Thailand National Communications Commission:

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทท.

# LITHIUM ION AND LITHIUM METAL BATTERY PACKAGING LABEL REQUIREMENTS

Due to concerns about products shipping with Li-Ion and Li-Metal batteries, the UN developed guidelines regarding the proper testing, packaging, and labeling of these devices.

## Li-Ion and Li-Metal Batteries

Li-Ion batteries are generally rechargeable, while Li-Metal batteries are generally non-rechargeable. Both types of batteries have the potential to create a fire hazard if damaged or improperly packaged.

## Labeling Requirements for Li-Ion and Li-Metal Batteries

The required labels must be present on the pallets and master carton accompanied by a document such as an airway bill or other documents that indicates the following (Lithium Battery Guidance Document 2014):

- The package contains lithium ion cells or batteries;
- The package must be handled with care and that a flammability hazard exists if the package is damaged
- Special procedures that should be followed in case the package is damaged
- Contact information

To conform to IATA's Dangerous Good Regulations, different labels apply to different Watt-hour for Li-Ion and different mass for Li-metal. The calculation for Watt-hours is:

$$\text{Nominal Voltage} \times \text{Nominal Capacity (Ah)} = \text{Watt-hours}$$

The volts and ampere can be found in the batteries data sheet.

Please see Table below for which proper label to use.

Required Labels for Battery Transportation (UN Manual of Tests and Criteria Part III Subsection 38.3)			
Li-Ion Battery Label Requirements			
Shipment of Battery	Wh (Watt-hour)	Labels	Limit Battery Weight / Package
Contained in Equipment (installed in the equipment)	Equal to or Less than 100Wh	Figure 1	PAX = 5 kg CAO = 5kg

Alone	Equal to or Less than 100Wh	Figure 1	Equal to or less than 2.7 Wh=2.5 kg  OR  Greater than 2.7Wh but equal to or less than 100Wh = 2 batteries
Packed separately with the Equipment (not installed in the equipment)	Equal to or Less than 100Wh	Figure 1	PAX = 5 kg CAO = 5kg
Li-Metal Battery Label Requirements			
<b>Shipment of Battery</b>	<b>Mass of Lithium Metal of the battery</b>	<b>Labels</b>	<b>Limit Battery Weight / Package</b>
Contained in Equipment (installed in the equipment)	Equal to or Less than 2g	Figure 1	PAX = 5 kg CAO = 5kg
<b>Shipment of Battery</b>	<b>Mass of Lithium Metal of the battery</b>	<b>Labels</b>	<b>Limit Battery Weight / Package</b>
Alone	Equal to or Less than 2g	Figure 1	Equal to or less than 0.3g=2.5kg  OR  Greater than 0.3g but equal to or less than 2g = 2 batteries
Packed separately with the Equipment (not installed in the equipment)	Equal to or Less than 2g	Figure 1	PAX = 5 kg CAO = 5kg

If Li-Ion Battery is more than 100Wh and Li-Metal has a Lithium mass of more than 2g, please consult Environmental Compliance Engineer for proper label to be used.

Figure 1: Label content requirement for shipping batteries:



\*Place for UN number(s), i.e. UN 3090, UN 3091, UN 3480, and/or UN 3481, as applicable.

### **Exemptions for labeling**

A lithium ion battery handling label is not required when a package contains not more than 2 batteries contained in the equipment. Lithium metal batteries contained in the equipment do not need any lithium battery handling label.

### **Product disposable warning**

NETGEAR products must not be disposed of together with domestic waste. NETGEAR products must be disposed of at a location that is authorized to recycle electrical and electronic appliances. By collecting and recycling waste, you help save natural resources and make sure that the product is disposed of in an environmentally friendly and healthy way.

## **Powerline Device and Pass-Through Socket Safety and EMC Information**

Follow these safety guidelines to ensure your own personal safety and to help protect your system from potential damage:

- For national approvals (approval schemes other than CB), relevant national standards for plug, socket-outlet, and direct plug-in units (for example, US) shall also be consulted while testing and approving such products according to the national standards.
- Check the electrical current for any device plugged into the filtered AC socket. Do not exceed home and product outlet ratings and electrical requirements.
- Only power cords are allowed to be inserted into the filtered AC socket; no other equipment with a direct plug-in is allowed. The product shall not be located over 1m height from the support surface and power cord needs to be a minimum of 1m long and a maximum of 1.5mm<sup>2</sup> of cross-sectional area.
- Do not plug devices into the Powerline Pass Thru Adapter filtered AC outlet that exceed the product ratings. The output voltage of the filtered AC outlet is the same as the power outlet that the Powerline Pass Thru Adapter is plugged into. To help avoid damaging your system, be sure that the attached devices are electrically rated to operate with the power available in your location.
- If the input AC voltage is less than 100 Vac, the device plugged into the filtered AC socket of the Powerline Pass Thru Adapter might not perform as well as expected.
- **DO NOT PLUG MAJOR HOME APPLIANCES** into the filtered AC socket or into an attached power strip. The device is not intended to be used with home appliances such as air conditioners, power tools, space heaters, fans hair dryers, ovens, or refrigerators.
- Observe extension cable and power strip ratings. Make sure that the total ampere rating of all products plugged into the extension cable or power strip does not exceed 80 percent of the ampere ratings limit for the extension cable or power strip.
- Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

NETGEAR Powerline products provide an alternative method to extend the network using existing electrical wiring. In case of interference issues, please follow these guidelines:

- Plug Powerline adapters into outlets away from cell phone chargers and cordless telephone base stations
- Ensure Powerline adapters are located away from equipment with a motor (e.g. fan, vacuum cleaner, etc.)
- Ensure Powerline adapters are located away from audio devices such as radio receivers

## General Guidance Notes for All Products

- Use the product only with approved equipment.
- Allow the products to cool before removing covers or touching internal components.
- To help avoid damaging your system, be sure that the voltage selection switch (if provided) on the power supply is set to match the power available at your location:
  - 110 volts (V), 60 hertz (Hz) in most of North and South America and some Far Eastern countries such as south Korea and Taiwan
  - 100, 50 Hz in eastern Japan and 100, 60Hz in western Japan
  - 230v, 50Hz in most of Europe, the Middle East, and the Far East
- To help protect your system from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply (UPS).
- The peripheral power cables are equipped with three-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable.
- Opening or removing covers that are marked with the triangular symbol with a lightning bolt can expose you to electrical shock. Only a trained service technician should service components inside these compartments.
- Do not service any product except as explained in your system documentation.

## Rack Mount Safety Instructions

This information applies to the installation of NETGEAR rack mount products

- **Ambient operating temperature.** If the switch is installed in a closed or multiunit rack assembly, the ambient operating temperature of the rack environment might be greater than the ambient temperature of the room. Therefore, consider installing the equipment in an environment compatible with the maximum rated ambient temperature.
- **Reduced airflow.** Mount the equipment into a rack so that the amount of airflow required for safe operation is not compromised.
- **Mechanical loading.** Mount the equipment into a rack so that a hazardous condition does not arise due to uneven mechanical loading.
- **Circuit overloading.** Consider the equipment's connection to the power supply circuitry and the effect that any possible overloading of circuits might have on overcurrent protection and power supply wiring. Consider equipment nameplate ratings when addressing this concern.
- **Reliable grounding.** This product requires reliable grounding to be maintained at all times. To ensure this, ground the rack itself. Pay particular attention to power supply connections other than the direct connections to the branch circuit (for example, the use of power strips).
- **Clearance.** Leave enough clearance in front of the rack (about 25 inches) to enable you to open the front door completely and in the back of the rack (about 30 inches) to allow for sufficient airflow and ease in servicing.

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