NETGEAR®

Notification of Compliance

Contents

Country Variants

Table 1 Country Translations

Austria	https://www.netgear.at/about/regulatory/
Belgium	https://www.netgear.be/about/regulatory/
People's Republic of China	https://www.netgear.com.cn/about/regulatory/
Denmark	https://www.netgear.dk/about/regulatory/
France	https://www.netgear.fr/about/regulatory/
Germany	https://www.netgear.de/about/regulatory/
Ireland	https://www.netgear.ie/about/regulatory/
Italy	https://www.netgear.it/about/regulatory/
Japan	https://www.jp.netgear.com/about/regulatory/
Netherlands	https://www.netgear.nl/about/regulatory/

Poland	https://www.netgear.pl/about/regulatory/
Russia	https://www.netgear.ru/about/regulatory/
South Korea	https://www.netgear.co.kr/about/regulatory/
Switzerland	https://www.netgear.ch/about/regulatory/
United Arab Emirates	https://www.netgear.ae/about/regulatory/

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 with External Antennas

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

Table 2. External antenna gain

Product	Frequency	Maximum Net Gain (dBi)	Recommended or Default Antenna(s)
EX6200	2400-2500 MHz 5100-5850 MHz		Masterwave 98619PRSX005
RS400	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRSX004
R6800	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRSX004
R6900P, R7000P	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRSX004
R6900, R7450	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRSX009
AC2600,	2400-2500 MHz 5100-5850 MHz		Masterwave 98364PRSX009
R7200, R7350, R7400	2400-2500 MHz		Masterwave 98364PRSX009

	5100-5850 MHz		
D7000	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRSX000
EX7000, DC112A	2400-2500 MHz 5100-5850 MHz		Masterwave 98619PRSX006
D7800, R7800	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRSX003 98365PRSX004
C6220	2400-2500 MHz 5100-5850 MHz		Masterwave 98365PRSX003 98365PRSX004
XR450, XR500	2400-2500 MHz 5100-5850 MHz		Masterwave 98366PRSX000 98366PRSX001 98366PRSX002
RAX45, RAX48, RAX50, RAX50S	2400-2500 MHz 5100-5850 MHz		Masterwave 98369PRSX000 98369URSX000
MR110	WCDMA Band 1: 1920-1980 MHz	1.6	Internal
	WCDMA Band VII: 880-915	-0.4	
	LTE Band 1: 1920-1980 MHz	1.6	
	LTE Band 2: 1850-1910 MHz	1.36	
	LTE Band 3: 1710-1785 MHz	0.8	
	LTE Band 4: 1710-1755 MHz	1.64	
	LTE Band 5: 824-849 MHz	-0.63	
	LTE Band 7: 2500-2570 MHz	0.62	
	LTE Band 8: 880-915 MHz	-0.4	
	LTE Band 12: 699-716 MHz	-0.01	
	LTE band 14: 788-798 MHz	-1.29	
	LTE Band 20: 832-862 MHz	-0.17	
	LTE Band 28: 703-748 MHz	-0.14	
	LTE Band 30: 2305-2315 MHz	1.19	
	LTE Band 38: 2570-2620 MHz	2.0	
	LTE Band 40: 2300-2400 MHz	1.5	
	LTE Band 66: 1710-1755 MHz	1.64	

Regulatory Requirements for operation in Europe

This section applies to products bearing the CE mark:

CE

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

- Ecodesign Directive 2009/125/EC
- RoHS Directive 2011/65/EU

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/.

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 are restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range in the countries shown bear the following pictogram on the packaging:

The following products are certified for outdoor use:

Table 3: Products certified for outdoor use

WND930	WBC502		
RBS50Y			

Caution for **installing** this equipment outdoors: (Valid in all EU member states, EFTA states, and Switzerland). 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/)

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:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

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

TPC: Transmit Power Control.

Cellular

Frequency (MHz)	Bands used	Max. Transmit Power (dBm/mW)
700	LTE Band 28	FDD: 23.9dBm (245mW)
800	LTE Band 20	FDD: 23.9dBm (245mW)
900	3G Band 8	WCDMA/HSDPA/HSUPA: 23.9dBm (245mW)
900	LTE Band 8	FDD: 23.9dBm (245mW)
1800	LTE Band 3	FDD: 23.9dBm (245mW)
2100	3G Band 1	WCDMA/HSDPA/HSUPA: 23.9dBm (245mW)
2100	LTE Band 1	FDD: 23.9dBm (245mW)
2300	LTE Band 40	TDD: 23.9dBm (245mW)
2600	LTE Band 7	FDD: 23.9dBm (245mW)
2600	LTE Band 38	TDD: 23.9dBm (245mW)

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

Information in this section applies to products bearing the FCC mark or statement:

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 Declaration of Conformity

We, NETGEAR, Inc., 350 East Plumeria Drive, San Jose, CA 95134, declare under our sole responsibility that this product 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 4. Products too small for FCC Label

A7000	
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.

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

FCC Radio Frequency Warnings & Instructions

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.

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, visit:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

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 very the distance and fFor further details and the minimum distance for specific products visit:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

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.

FCC Part 68 Notice

The following equipment complies with Part 68 of the FCC Rules and the requirements adopted by the ACTA:

Table 5. Products under the scope of FCC Part 68

• D2200D	•
•	•

On the product label of this equipment is a label that contains, among other information, a product identified in the format US:WXXXXYYYZZZZZ. If requested, this number must be provided to the telephone company.

USA Safety Notices for Restricted Access

The following statement applies to this product:

- RR2312
- RR3312
- RR4312

This equipment is intended only for installation in a Restricted Access Location and it is only for qualified service personnel.

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-3 (B)/NMB-3(B)

CAN ICES-3 (A)/NMB-3(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.”

“Cet appareil numérique ne dépasse pas les limites de la classe B pour les émissions radio bruit des appareils numériques, tel qu'énoncé dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.”

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 is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

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.

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 20mm 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, visit:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

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, visit:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

Innovation, Sciences et Développement économique Canada Normes réglementaires

Les informations de cette section s'appliquent aux produits avec les déclarations suivantes:

CAN ICES-3 (B)/NMB-3(B)

CAN ICES-3 (A)/NMB-3(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.”

“Cet appareil numérique ne dépasse pas les limites de la classe B pour les émissions radio bruit des appareils numériques, tel qu'énoncé dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.”

Ce dispositif est conforme à la norme CNR d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Avertissements et instructions concernant les fréquences radio

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l’intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux

De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu’ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée quivalente (p.i.r.e.) ne dépassepas l'intensité nécessaire à l'établissement d'une communication satisfaisante. See Table 2

Pour les dispositifs munis d’antennes amovibles, le gain maximal d’antenne permis pour les dispositifs utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de la p.i.r.e

Le gain d'antenne maximum autorisé pour les appareils dans la bande 5725-5825 MHz pour se conformer à la pire limites fixées pour les opérations se point- à-point et non point- à-point, le cas échéant.

REMARQUE IMPORTANTE: Exposition aux RF

Avertissement débit d'absorption spécifique (DAS):

Les informations de cette section s'appliquent aux Netgear émetteur-récepteur sans fil normalement utilisé près du corps.

NETGEAR est le respect de SAR pour la population générale / limites d'exposition incontrôlée de CNR-102 et a été testé en conformité avec les méthodes et procédures de mesure spécifiées dans la norme IEEE 1528. Maintenir au moins 20mm à distance pour la condition physique-garde.

Produits NETGEAR sont conformes à la limite d'exposition aux RF portable Canada établies pour un environnement non contrôlé et sont sans danger pour le fonctionnement prévu comme décrit dans le manuel. Poursuite de la réduction de l'exposition aux RF peut être réalisé en gardant le produit autant que possible de votre corps ou par le réglage du dispositif à une puissance de sortie inférieure si une telle fonction est disponible

Pour plus de détails, visitez:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

Déclaration d'exposition aux RF

Les informations de cette section s'appliquent aux produits sans fil NETGEAR qui sont destinés à être utilisés à au moins 20 cm du corps.

Produits NETGEAR sont conformes aux limites IC d'exposition aux rayonnements définies pour un environnement non contrôlé. Produits NETGEAR doivent être installés et utilisés avec distance minimum de 70cm entre le radiateur et votre corps. Pour vérifier la distance minimale et pour plus de détails sur cet appareil, visitez:

https://www.netgear.com/about/regulatory/specific-absorption-rate/

Interference Reduction Table

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

Household Appliance	Recommended Minimum Distance (in feet and meters)
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

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

Class B ITE

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。 VCCI－B

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。

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)

Class A caution statement

사용자안내문	**이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.**
Class A: Caution Statement	In case this device is used in a domestic environment, there is a risk of radio interference because this device has registered for EMC for business use.

Taiwan WWAN Wireless Notice

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

This telecom equipment has complied with NCC regulations.

第十二條→經型式認證合格之低功率射頻電機，非經許可，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。

第十四條→低功率射頻電機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。

前項合法通信，指依電信法規定作業之無線電通信。 低功率射頻電機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。

在 5.25-5.35 頻帶內操作之無線資訊傳輸設備，限於室內使用。

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。

不致造成違反低功率電波輻射性電機管理辦法之所有控制、調整及開關之使用方法

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

下列聲明適用於本產品:

R7500

電磁波曝露量 MPE 標準值 1mW/cm2，**送測**產品實測值為：0.783945 mW/cm2

WND930

本器材須經專業工程人員安裝及設定，始得設置使用，且不得直接販售給一般消費者。

「電磁波曝露量MPE標準值1mW/cm^2，本產品使用時建議應距離人體 28 cm」

The following statement applies to Class A products:

警告使用者：甲類資訊技術設備，於居住環境中使用，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

Taiwan NCC Notice

NCC general statement:

應避免影響附近電達系統之操作

NCC MPE statement:

SRR60, SRS60:

本產品電磁波暴露量(MPE) 標準值 1mW/cm^2，送測產品實測值為 0.524 mW/cm^2，建議使用時至少距離人體 28cm

RBR20, RBS20

本產品電磁波暴露量(MPE) 標準值 1mW/cm2，送測產品實測值為 0.357 mW/cm2，建議使用時至少距離人體 20cm

RBS50Y

本產品電磁波暴露量(MPE) 標準值 1mW/cm2，送測產品實測值為 0.581 mW/cm2，建議使用時至少距離人體 27cm

Thailand Notice

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

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช.

China Notices

The information in this section applies to products bearing the Chinese Compulsory Certification Mark:

This device complies with the requirements in China for Safety and Quality

Netgear 产品，依据强制性产品认证目录，界定为 1608 类的产品，以太网集线器。此设备的功能包含连接以太网兼容设备，如桌面式电脑，服务器，笔记本电脑等等，使互连的设备之间进行计算机通信的能力。

此为 A 级产品，在生活环境该产品可能会造成无线电干扰，在这种情况下可能需

要用户对其干扰采取确实可行的措施。

The following statement applies to products for use only at altitudes below 2000m:

标识的含义解释：仅适用于海拔 2000m 以下地区安全使用。

The following statement applies to products which are not suitable to be used in tropical climates:

标识的含义解释：仅适用于非热带气候条件下安全使用

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.

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.

Germany Notices

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

Nicht hintereinander stecken.

Mexico Notices

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

“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 EAC, 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..

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:

Nominal Voltage x Nominal Capacity (Ah) = Watt-hours

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

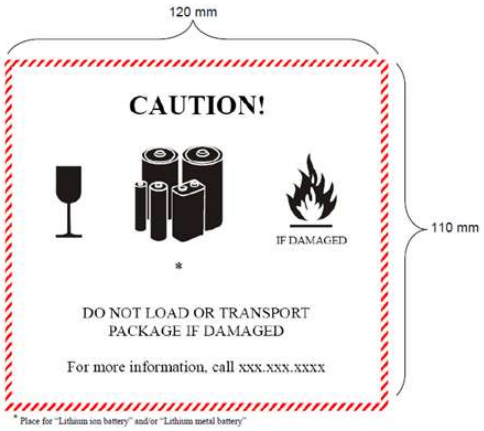
Please see Table below for which proper label to use.

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 12 or 13	PAX = 5 kg CAO = 5kg
Alone	Equal to or Less than 100Wh	Figure 12 or 13	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 12 or 13	PAX = 5 kg CAO = 5kg
Li-Metal Battery Label Requirements			
Shipment of Battery	**Mass of Lithium Metal of the battery**	**Labels**	**Limit Battery Weight / Package**

Contained in Equipment (installed in the equipment)	Equal to or Less than 2g	Figure 12 or 13	PAX = 5 kg CAO = 5kg
Shipment of Battery	**Mass of Lithium Metal of the battery**	**Labels**	**Limit Battery Weight / Package**
Alone	Equal to or Less than 2g	Figure 12 or 13	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 12 or 13	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.

Label content requirement for shipping batteries:



Label content for shipping smaller packages for batteries:

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.

Battery Safety Information

.

Battery Caution:

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

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.
- The socket-outlet shall be installed near the equipment and be easily accessible
- Only power cords and allowed to be inserted into the filtered AC socket; no other equipment with a direct plug-in is allowed. Power cords needs to be a maximum of 1m long and a minimum of 0.75mm² 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.
- 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.
- Do not service any product except as explained in your system documentation.
- 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.
- 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 o 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
- 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.
- 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.
- 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).

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

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.

Wall Mount Safety Instructions

This information applies to the installation of the NETGEAR wall mount products GSS108EPP and GS408EPP:

- Power supply cord must not be attached to the building surface, nor run through walls, ceilings, floors and similar openings in the building structure.

Power Over Ethernet (PoE) Safety Instructions

This information applies to the installation of the NETGEAR PoE product GS408EPP:

- The PoE product is to be connected only to PoE networks without routing to the outside plant.

NETGEAR, Inc., 350 E. Plumeria Avenue, San Jose, CA 95134 USA