

Regulatory Notices

United States of America, Federal Communications Commission Statement

Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information

Product Name: **Motherboard**
Trade Name: **GIGABYTE**
Model Number: **Z790 UD AX/Z790 UD AC/Z790 UD/Z790 D DDR4**

Responsible Party – U.S. Contact Information: **G.B.T. Inc.**
Address: 17358 Railroad street, City Of Industry, CA91748
Tel.: 1-626-854-9338
Internet contact information: <https://www.gigabyte.com>

FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules, Subpart B, Unintentional Radiators.
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.

The FCC with its action in ET Docket 96-8 has adopted a safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC certified equipment. The Intel PRO/Wireless 5000 LAN products meet the Human Exposure limits found in OET Bulletin 65, 2001, and ANSI/IEEE C95.1, 1992. Proper operation of this radio according to the instructions found in this manual will result in exposure substantially below the FCC's recommended limits.

The following safety precautions should be observed:

- Do not touch or move antenna while the unit is transmitting or receiving.
- Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.
- Do not operate the radio or attempt to transmit data unless the antenna is connected; if not, the radio may be damaged.
- Use in specific environments:
 - The use of wireless devices in hazardous locations is limited by the constraints posed by the safety directors of such environments.
 - The use of wireless devices on airplanes is governed by the Federal Aviation Administration (FAA).
 - The use of wireless devices in hospitals is restricted to the limits set forth by each hospital.

Antenna use:

In order to comply with FCC RF exposure limits, low gain integrated antennas should be located at a minimum distance of 7.9 inches (20 cm) or more from the body of all persons.

Explosive Device Proximity Warning

Warning: Do not operate a portable transmitter (such as a wireless network device) near unshielded blasting caps or in an explosive environment unless the device has been modified to be qualified for such use.

Antenna Warning

The wireless adapter is not designed for use with high-gain antennas.

Use On Aircraft Caution

Caution: Regulations of the FCC and FAA prohibit airborne operation of radio-frequency wireless devices because their signals could interfere with critical aircraft instruments.

Other Wireless Devices

Safety Notices for Other Devices in the Wireless Network: Refer to the documentation supplied with wireless Ethernet adapters or other devices in the wireless network.

Canada, Canada-Industry Notice:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
 - (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Cet appareil est conforme aux normes Canada d'Industrie de RSS permis-exempt. L'utilisation est assujéti 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.

Caution: When using IEEE 802.11a wireless LAN, this product is restricted to indoor use due to its operation in the 5.15-to 5.25-GHz frequency range. Industry Canada requires this product to be used indoors for the frequency range of 5.15 GHz to 5.25 GHz to reduce the potential for harmful interference to co-channel mobile satellite systems. High power radar is allocated as the primary user of the 5.25-to 5.35-GHz and 5.65 to 5.85-GHz bands. These radar stations can cause interference with and/or

damage to this device. The maximum allowed antenna gain for use with this device is 6dBi in order to comply with the E.I.R.P limit for the 5.25-to 5.35 and 5.725 to 5.85 GHz frequency range in point-to-point operation. To comply with RF exposure requirements all antennas should be located at a minimum distance of 20cm, or the minimum separation distance allowed by the module approval, from the body of all persons.

Attention: l'utilisation d'un réseau sans fil IEEE802.11a est restreinte à une utilisation en intérieur à cause du fonctionnement dans la bande de fréquence 5.15-5.25 GHz. Industry Canada requiert que ce produit soit utilisé à l'intérieur des bâtiments pour la bande de fréquence 5.15-5.25 GHz afin de réduire les possibilités d'interférences nuisibles aux canaux co-existants des systèmes de transmission satellitaires. Les radars de puissances ont fait l'objet d'une allocation primaire de fréquences dans les bandes 5.25-5.35 GHz et 5.65-5.85 GHz. Ces stations radar peuvent créer des interférences avec ce produit et/ou lui être nuisible. Le gain d'antenne maximum permise pour une utilisation avec ce produit est de 6 dBi afin d'être conforme aux limites de puissance isotropique rayonnée équivalente (P.I.R.E.) applicable dans les bandes 5.25-5.35 GHz et 5.725-5.85 GHz en fonctionnement point-à-point. Pour se conformer aux conditions d'exposition de RF toutes les antennes devraient être localisées à une distance minimum de 20 cm, ou la distance de séparation minimum permise par l'approbation du module, du corps de toutes les personnes.

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

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 radio électrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

European Union (EU) CE Declaration of Conformity

This device complies with the following directives: Electromagnetic Compatibility Directive 2014/30/EU, Low-voltage Directive 2014/35/EU, Radio Equipment Directive 2014/53/EU, ErP Directive 2009/125/EC, RoHS directive (recast) 2011/65/EU & the 2015/863 Statement. This product has been tested and found to comply with all essential requirements of the Directives.

European Union (EU) RoHS (recast) Directive 2011/65/EU & the European Commission Delegated Directive (EU) 2015/863 Statement

GIGABYTE products have not intended to add and safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE, PBB, DEHP, BBP, DBP and DIBP). The parts and components have been carefully selected to meet RoHS requirement. Moreover, we at GIGABYTE are continuing our efforts to develop products that do not use internationally banned toxic chemicals.

European Union (EU) Community Waste Electrical & Electronic Equipment (WEEE) Directive Statement

GIGABYTE will fulfill the national laws as interpreted from the 2012/19/EU WEEE (Waste Electrical and Electronic Equipment) (recast) directive. The WEEE Directive specifies the treatment, collection, recycling and disposal of electric and electronic devices and their components. Under the Directive, used equipment must be marked, collected separately, and disposed of properly.

WEEE Symbol Statement



The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

For more information about where you can drop off your waste equipment for recycling, please contact your local government office, your household waste disposal service or where you purchased the product for details of environmentally safe recycling.

Battery Information

European Union—Disposal and recycling information
GIGABYTE Recycling Program (available in some regions)



This symbol indicates that this product and/or battery should not be disposed of with household waste. You must use the public collection system to return, recycle, or treat them in compliance with the local regulations.

End of Life Directives-Recycling



The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

Déclaration de Conformité aux Directives de l'Union européenne (UE)

Cet appareil portant la marque CE est conforme aux directives de l'UE suivantes: directive Compatibilité Electromagnétique 2014/30/UE, directive Basse Tension 2014/35/UE, directive équipements radioélectriques 2014/53/UE, la directive RoHS II 2011/65/UE & la déclaration 2015/863. La conformité à ces directives est évaluée sur la base des normes européennes harmonisées applicables.

European Union (EU) CE-Konformitätserklärung

Dieses Produkt mit CE-Kennzeichnung erfüllen folgenden EU-Richtlinien: EMV-Richtlinie 2014/30/EU, Niederspannungsrichtlinie 2014/35/EU, Funkanlagen Richtlinie 2014/53/EU, RoHS-Richtlinie 2011/65/EU erfüllt und die 2015/863 Erklärung. Die Konformität mit diesen Richtlinien wird unter Verwendung der entsprechenden Standards zur Europäischen Normierung beurteilt.

CE declaração de conformidade

Este produto com a marcação CE estão em conformidade com das seguintes Diretivas UE: Diretiva Baixa Tensão 2014/35/EU; Diretiva CEM 2014/30/EU; Diretiva RSP 2011/65/EU e a declaração 2015/863. A conformidade com estas diretivas é verificada utilizando as normas europeias harmonizadas.

CE Declaración de conformidad

Este producto que llevan la marca CE cumplen con las siguientes Directivas de la Unión Europea: Directiva EMC 2014/30/EU, Directiva de bajo voltaje 2014/35/EU, Directiva de equipamientos de radio 2014/53/EU, Directiva RoHS 2011/65/EU y la Declaración 2015/863. El cumplimiento de estas directivas se evalúa mediante las normas europeas armonizadas.

CE Dichiarazione di conformità

I prodotti con il marchio CE sono conformi con una o più delle seguenti Direttive UE, come applicabile: Direttiva EMC 2014/30/UE, Direttiva sulla bassa tensione 2014/35/UE, Direttiva di apparecchiature radio 2014/53/UE, Direttiva RoHS 2011/65/UE e Dichiarazione 2015/863. La conformità con tali direttive viene valutata utilizzando gli Standard europei armonizzati applicabili.

Deklaracja zgodności UE Unii Europejskiej

Urządzenie jest zgodne z następującymi dyrektywami: Dyrektywa kompatybilności elektromagnetycznej 2014/30/UE, Dyrektywa niskonapięciowej 2014/35/UE, Dyrektywa urządzeń radiowych 2014/53/UE, Dyrektywa RoHS 2011/65/UE i dyrektywa 2015/863. Niniejsze urządzenie zostało poddane testom i stwierdzono jego zgodność z wymaganiami dyrektywy.

ES Prohlášení o shodě

Toto zařízení splňuje požadavky Směrnice o Elektromagnetické kompatibilitě 2014/30/EU, Směrnice o Nízkém napětí 2014/35/EU, Směrnice o rádiových zařízeních 2014/53/EU, Směrnice RoHS 2011/65/EU a 2015/863. Tento produkt byl testován a bylo shledáno, že splňuje všechny základní požadavky směrnice.

EK megfelelési nyilatkozata

A termék megfelelnek az alábbi irányelvek és szabványok követelményeinek, azok a kiállításidőpontjában érvényes, aktuális változatában: EMC irányelv 2014/30/EU, Kisfeszültségű villamos berendezésekre vonatkozó irányelv 2014/35/EU, rádióberendezések irányelv 2014/53/EU, RoHS irányelv 2011/65/EU és 2015/863.

Δήλωση συμμόρφωσης ΕΕ

Είναι η συμμόρφωση με τις διατάξεις των παρακάτω Οδηγιών της Ευρωπαϊκής Κοινότητας: Οδηγία 2014/30/ΕΕ σχετικά με την ηλεκτρομαγνητική συμβατότητα, Οδηγία χαμηλή τάση 2014/35/ΕΕ, Οδηγία 2014/53/ΕΕ σε ραδιοεξοπλισμό, Οδηγία RoHS 2011/65/ΕΕ και 2015/863.

Η συμμόρφωση με αυτές τις οδηγίες αξιολογείται χρησιμοποιώντας τα ισχύοντα εναρμονισμένα ευρωπαϊκά πρότυπα.



D33006
RoHS

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.
- **KEEP new and used batteries OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted into any part of the body.



- Battery type: CR2032, voltage rating: +3VDC.
- Non-rechargeable batteries are not to be recharged.
- Remove and immediately recycle or dispose of used batteries, batteries from equipment not used for an extended period of time according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- For treatment information, call a local poison control center.
- The product contains non-replaceable batteries.

European Community Radio Equipment Directive Compliance Statement:

This equipment complies with all the requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. This equipment is suitable for home and office use in all the European Community Member States and EFTA Member States. The low band 5.15 -5.35 GHz is for indoor use only.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	PL	PT	RO	SE
	SI	SK	TR	UK			

NCC Wireless Statements / 無線設備警告聲明：

低功率電波輻射性電機管理辦法

- 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。
- 應避免影響附近雷達系統之操作。

Korea KCC NCC Wireless Statement:

5.25GHz ~ 5.35 GHz 대역을 사용하는 무선 장치는 실내에서만 사용하도록 제한됩니다 .

Japan Wireless Statement:

5.15 GHz 帯 ~ 5.35 GHz 帯：屋内のみの使用。

Wireless module approvals:

To identify your Motherboard version or revision number, look for "REV: X.X" printed on the PCB on the top left corner of the Motherboard. For example, "REV:1.0" means the revision of the motherboard is 1.0.

Motherboard revision no.:	Wireless module manufacturer, model name:
Z790 UD AX rev. 1.0	Intel® Corporation AX210NGW
Z790 UD AX rev. 1.1	Intel® Corporation AX211NGW
Z790 UD AX rev. 1.2	Realtek Semiconductor Corp. RTL8852CE
Z790 UD AC rev. 1.0	Realtek Semiconductor Corp. RTL8821CE
Z790 UD AC rev. 1.1	Intel® Corporation 9461NGW
Z790 UD AC rev. 1.2	Intel® Corporation 9560NGW

Approvals for wireless module AX210NGW:

United States FCC: FCC ID: PD9AX210NG	India WPC: ETA-SD-20201006833	Qatar CRA: CSA/SM/2020/5-0006291	 CCAH20Y10080T6
Canada ISED: IC: 1000M-AX210NG	Japan 総務省: ⑤ R 003-220254 T D220163003	Serbia:  Singapore IMDA: Complies with IMDA standards DA108442	
Australia ACMA: 	5GHz band (W53/W53) and 6GHz (LP) Indoor use only (Except communicate to W52 high power radio)	Ukraine:  UA.TB.028	
Belarus: 	Oman TRA: Applicant number: D080001 Approval number: TRA/TA-R/10113/20	South Korea NRRA:  KCC-2020110500	
China CMIT: CMIT ID: 2020AJ11402 (M)	Pakistan PTA: Approved by PTA TAC no.: 9.1000/2020	1.인허가: INTEL CORPORATION 2.기타사항: 무선주파수 사용: 실내 사용용 무선기기(무선랜)로 사용할 무선주파수(5.15GHz~5.35GHz) AX210NGW 3.제조일자: 20200908 4.제조업체주소: Intel Corporation / China, Taiwan	
Europe: 			

Approvals for wireless module AX211NGW:

United States FCC: FCC ID: PD9AX211NG	India WPC: ETA-SD-20210301679	Qatar CRA: CSA/SM/2021/5-0007135	 CCAH21Y10490T7
Canada ISED: IC: 1000M-AX211NG	Japan 総務省: ⑤ R 003-220256 T D220165003	Serbia:  Singapore IMDA: Complies with IMDA standards DA108442	
Australia ACMA: 	5.25GHz帯高出力データ通信システム基地局又は陸上移動中継局と通信する場合を除く	Ukraine:  UA.TB.028	
Belarus: 	Oman TRA: Applicant number: D080001 Approval number: TRA/TA-R/11342/21	South Korea NRRA:  KCC-2021010500	
China CMIT: CMIT ID: 2021AJ3091 (M)	Pakistan PTA: Approved by PTA TAC no.: 9.308/2021	1.인허가: INTEL CORPORATION 2.기타사항: 무선주파수 사용: 실내 사용용 무선기기(무선랜)로 사용할 무선주파수(5.15GHz~5.35GHz) AX211NGW 3.제조일자: 20210303 4.제조업체주소: Intel Corporation / China, Taiwan	
Europe: 			

Approvals for wireless module RTL8852CE:

United States FCC: FCC ID: TX2-RTL8852CE	India WPC: ETA-SD-20220908233	Serbia: 	 CCAF22Y10250T1
CanadaISED: IC: 6317A-RTL8852CE	Japan 総務省:  D220076020 R 020-22032 電波法によりW52/53は屋外使用禁止です。 法令により許可された場合を除く。 電波法により6GHzは屋外使用禁止です。	Singapore IMDA:  Complies with IMDA standards DA100282	
Australia ACMA: 	New-Zealand SMR: R-NZ	South Korea NRRA:  R-C-RTL8852CE	
China CMIIT: CMIIT ID: 2022AJ9304(M)	Pakistan PTA: Approved by PTA TAC no.: 9.1176/2022		
Europe: 			

Approvals for wireless module RTL8821CE:

United States FCC: FCC ID: TX2-RTL8821CE	Japan 総務省:  201-163301 R D16 0283 201 5.15~5.35GHz 屋内限定 5.15~5.35GHz indoor use only	Serbia: 	 CCAF16LP2411T5
CanadaISED: IC: 6317A-RTL8821CE	Jordan TRC: TRC/55/2016/556	Singapore IMDA:  Complies with IMDA standards DA100282	
Australia ACMA: 	Mexico IFT: RCIPBERT17-0354	South Korea NRRA:  MSIP-CRM-RTL8821CE	Ukraine:  UA.TR109
China CMIIT: CMIIT ID: 2016AJ7893(M)	Oman TRA: Applicant number: D090024 Approval number: TRA/TA-R/3850/17		
Europe: 	Qatar CRA: CRA/SA/2016/R-5932	1.상호인: Realtek Semiconductor Corp. 2.제품명: RTL8821CE 3.인증번호: 201612 4.제조업체: Realtek Semiconductor Corp./China	
India WPC: 2.4GHz: NR-ETA/5229-RLO(NR) 5GHz: NR-ETA/5230-RLO(NR)			

Approvals for wireless module 9461NGW:

United States FCC: FCC ID: PD99461NG	Europe: 	Serbia: 	 CCAH23Y10180T8
CanadaISED: IC: 1000M-9461NG	India: 2.4GHz: NR-ETA/7246-RLO(NR) 5GHz: NR-ETA/7249-RLO(NR)	Singapore IMDA:  Complies with IMDA standards D802941	
Australia ACMA: 	Japan:  003-170204 R D170127003 5.15~5.35GHz 屋内限定 5.15~5.35GHz indoor use only	South Korea:  MSIP-CRM-RT-9461NGW	Ukraine:  UA.TR.028
Brazil:  00915-15-04423	Mexico: RCPIN9417-1729	1.상호인: INTEL CORPORATION 2.가장품의 명칭(모델명): 칩셋소용역 무선기기 (무선) 3.제품명: 무선랜카드 모듈 (무선기기) 9461NGW 4.제조업체: INTEL Corporation / China	
China CMIIT: CMIIT ID: 2017AJ6321(M)			

Approvals for wireless module 9560NGW:

United States FCC: FCC ID: PD99560NG	India WPC: 2.4GHz: NR-ETA/6863 5GHz: NR-ETA/6862	Pakistan PTA: Approved by PTA: 9.80/2020	 CCAF18LP0140T0
CanadaISED: IC: 1000M-9560NG	Japan 総務省:  003-170126 R D170800003 5.15~5.35GHz 屋内限定 5.15~5.35GHz indoor use only	Serbia: 	
Australia ACMA: 	Jordan TRC: TRC/55/2017/352	Singapore IMDA:  Complies with IMDA standards D802941	Ukraine:  UA.TR.028
Belarus: 	Mexico IFT: RCPIN9517-1584	South Korea:  MSIP-CRM-RT-9560NGW	
China CMIIT: CMIIT ID: 2017AJ4643 (M)	Oman TRA: Applicant number: D080001 Approval no.: TRA/TA-R/4582/17	1.상호인: INTEL CORPORATION 2.가장품의 명칭(모델명): 칩셋소용역 무선기기 (무선) 3.제품명: 무선랜카드 모듈 (무선기기) 9560NGW 4.제조업체: INTEL Corporation / China	
Europe: 			



Contact Us

GIGA-BYTE TECHNOLOGY CO., LTD.

Address: No.6, Baoqiang Rd., Xindian Dist., New Taipei City 231

TEL: +886-2-8912-4000, FAX: +886-2-8912-4005

Tech. and Non-Tech. Support (Sales/Marketing) : <https://esupport.gigabyte.com>

WEB address (English): <https://www.gigabyte.com>

WEB address (Chinese): <https://www.gigabyte.com/tw>

- **GIGABYTE eSupport**

To submit a technical or non-technical (Sales/Marketing) question, please link to:
<https://esupport.gigabyte.com>

The screenshot shows the GIGABYTE eSupport homepage. At the top, the GIGABYTE logo is on the left. The main heading is "Welcome to eSupport" in blue. Below it, a subtext reads: "Submit your product/sponsorship/marketing questions or inquiries, and our representative will respond in a timely fashion." The page is divided into three main sections: 1. NEWS: A box with the text "Your submissions will be displayed in your personal page, log in to see the processing status." 2. SIGN IN: A box containing "Account" and "Password" input fields, a "sign in with" section with social media icons (Facebook, Google, Twitter, Microsoft), and buttons for "Register", "Forgot Password", and "SIGN IN". 3. QUICK LINK: A box with three icons and labels: "Downloads", "FAQ", and "Warranty".