



Raspberry Pi

Raspberry Pi 4 Model B

Safety and User guide

Designed and distributed by

Raspberry Pi Trading Ltd
Maurice Wilkes Building
Cowley Road
Cambridge
CB4 0DS

www.raspberrypi.org

Raspberry Pi Regulatory compliance and safety information

Product name: Raspberry Pi 4 Model B

IMPORTANT: PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE.

Warnings

- Any external power supply used with the Raspberry Pi shall comply with relevant regulations and standards applicable in the country of intended use. The power supply should provide 5V DC and a minimum rated current of 3A.

Instructions for safe use

- This product should not be overclocked.
- Do not expose this product to water or moisture, and do not place it on a conductive surface whilst in operation. Do not expose this product to heat from any source; it is designed for reliable operation at normal room temperatures.
- Do not expose board to high intensity light sources (e.g. xenon flash or laser).
- Operate this product in a well-ventilated environment, and do not cover it during use.
- Place this product on a stable, flat, non-conductive surface while in use, and do not let it contact conductive items.
- Take care while handling this product to avoid mechanical or electrical damage to the printed circuit board and connectors.
- Avoid handling this product while it is powered. Only handle by the edges to minimize the risk of electrostatic discharge damage.
- Any peripheral or equipment used with the Raspberry Pi should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. Such equipment includes, but is not limited to, keyboards, monitors, and mice.

For all compliance certificates and numbers, please visit www.raspberrypi.org/compliance.

汉语

Raspberry Pi 4 代 B 型
重要提示：请保留此信息以供将来参考。
警告

- Raspberry Pi 使用的任何外置电源应符合所在国家的相关法规和标准。电源应提供 5V DC 和 3A 最小额定电流。
- 安全使用说明
- 此产品不可超频。
- 请勿将本产品暴露在水或潮湿环境中；当其运行时，请勿将其置于导电表面上。
- 请勿将此产品暴露于任何热源；此产品仅适合在正常室温中使用，以确保可靠运行。
- 请勿将电路板暴露于高强度光源（例如氙气灯或激光）
- 在通风良好的环境中运行此产品，在使用过程中请勿覆盖。
- 使用时，请将本产品放在稳定、平坦、绝缘的表面上，请勿让它接触导电物品。
- 拿放本产品时请小心，以免对印刷电路板和连接器造成机械或电气损坏。

- 本产品通电时避免接触、拿放。拿放时应只接触产品的边缘，以最大限度地降低静电放电损坏的风险。
- Raspberry Pi 使用的任何外设或设备应符合使用国家的相关标准，并进行相应标记，以确保满足安全和性能要求。
- 如需查询所有合规证书及编号，请访问 www.raspberrypi.org/compliance。

Čeština

Raspberry Pi 4 Model B
DŮLEŽITÉ: TUTO INFORMACI SI PONĚCHTE PROUŽITÍ V BUDOUCNU.

Varování

- Každý externí napájecí zdroj použitý s Raspberry Pi musí splňovat příslušné předpisy a normy platné v zemi určení. Napájecí zdroj by měl poskytovat stejnosměrné napětí 5V a minimální jmenovitý proud 3A.
- Pokyny pro bezpečné používání
- Tento výrobek by neměl být přetřikován.
- Výrobek nevystavujte vodě ani vlhkosti a za provozu ho neumísťte na vodní povrch.
- Výrobek nevystavujte teple z jakéhokoli zdroje; je navržen pro spolehlivý provoz při normálních pokojových teplotách.
- Nevystavujte desku světelným zdrojům s vysokou intenzitou (např. Xenonový blek nebo laser)
- Výrobek používejte v dobře větraném prostředí a za provozu ho nepřikrývejte. Výrobek při používání ponechte na stabilním, plochem a nevodivém povrchu a zabráněte jeho dotyku s vodivými předměty.
- Při manipulaci s výrobkem dbejte na to, abyste zabránili mechanickému nebo elektrickému poškození desky plošných spojů a konektorů.
- Vyvarujte se manipulace s výrobkem, když je napájen. K manipulaci používejte pouze okraje, abyste minimalizovali riziko poškození elektrostatickým výbojem.
- Veškerá periferní a další zařízení používaná s Raspberry Pi by měla být v souladu s příslušnými normami země, poziti a měla by být odpovídajícím způsobem označena, aby se zajistilo, že splňují požadavky na bezpečnost a výkon.
- Všechna osvědčení o shodě a čísla nálezde na www.raspberrypi.org/compliance.

Dansk

Raspberry Pi 4 Model B
VIGTIGT: OPBEVARE DENNE INFORMATION FOR FREMTIDIG REFERENCE.

Advarsler

- Eksterne strømforsyninger, der anvendes til Raspberry Pi skal være i overensstemmelse med relevante bestemmelser og standarder, som er gældende i det land, hvor anvendelsen er tilkænkt. Strømforsyningen skal give 5 V jævnstrøm og en nominal strømsvæk på mindst 3 A.
- Instruktioner for sikker brug
- Dele produkt må ikke overophædes.
- Udsæt ikke dette produkt for vand eller fugt, og sæt det ikke på en ledende overflade under drift.
- Udsæt ikke dette produkt for varme fra nogen kilde, der er designet til pålidelig drift ved normal stuetemperatur.
- Udsæt ikke kortet for lyskilder med høj intensitet (f.eks. Xenon-flash eller laser)

- Anvend dette produkt i et godt ventileret miljø, og tildek det ikke under brug.
- Anbring dette produkt på en stabil, flad og ikke-ledende overflade under brug, og lad det ikke komme i berøring med ledende genstande.

- Vær forsigtig ved håndtering af dette produkt for at undgå mekanisk eller elektrisk beskadigelse af printkort og stik.
- Undgå håndtering af dette produkt, mens det er tændt. Må kun håndteres ved at holde i kanterne for at minimere risikoen for skader ved elektrostatisk udladning.

- Alt periferet udstyr eller udstyr, der anvendes til Raspberry Pi skal overholde relevante standarder i landet for anvendelse og mærkes i overensstemmelse hermed for at sikre, at kravene for sikkerhed og ydeevne er opfyldt.
- For alle overensstemmelsecertifikater og numre, gå på www.raspberrypi.org/compliance.

Nederlands

Raspberry Pi 4 Model B
BELANGRIJK: BEWAAR DEZE INFORMATIE VOOR TOEKOMSTIGE VERMIJING.

Maarschwingen

- Elke externe voeding die met de Raspberry Pi wordt gebruikt, moet voldoen aan de relevante voorschriften en normen die van toepassing zijn in het land van het beoogde gebruik. De voeding moet 5V DC en een minimale nominale stroom van 3A leveren.
- Instructies voor veilig gebruik
- Dit product mag niet overklokt worden. Stel dit product niet bloot aan water of vocht en plaats het tijdens gebruik niet op een geleidend oppervlak.
- Stel dit product niet bloot aan warmte van welke bron dan ook; het is ontworpen voor betrouwbare werking bij normale kamertemperaturen.
- Stel het bord niet bloot aan lichtbronnen met een hoge intensiteit (bijv. Xenonflits of laser)
- Gebruik dit product in een goed geventileerde omgeving en dek het niet af tijdens gebruik.

- Plaats dit product tijdens het gebruik op een stabiel, plat, niet-geleidend oppervlak en laat het niet in contact komen met geleidende items.
- Wees voorzichtig met het gebruik van dit product om mechanische of elektrische schade aan de printplaat en connectoren te voorkomen.
- Gebruik dit product niet terwijl het wordt gevoed. Alleen aan de randen vasthouden om het risico op schade door elektrostatische ontlading te minimaliseren.
- Alle apparatuur of apparatuur die met de Raspberry Pi wordt gebruikt, moet voldoen aan de relevante normen voor het land van gebruik en dienovereenkomstig worden gemarkeerd om ervoor te zorgen dat wordt voldaan aan de veiligheids- en prestatie-eisen.
- Ga naar www.raspberrypi.org/compliance.

Suomi

Raspberry Pi 4 Malli B
TÄRKEÄÄ: SÄILYTÄ NÄMÄ TIEDOT MUÖHEMMÄN KÄYTON VARALTA.

Varoitukset

- Kaikkien ulkoisen Raspberry Pi -laitteen käytettyjen virittälaitteiden on noudatettava käyttönormaassa sovellettavissa asiaankuuluvia asetuksia ja standardia. Virittälteen virran on oltava 5V DC minimin mimmllisvirran ollessa 3A.
- Ohjeet turvallista käyttöä varten
- Tätä tuotetta ei saa ylikuumentaa.
- Älä altista tätä tuotetta vedelle tai kostuudelle, äläkä asetä sitä johtavalle pinnalle sen ollessa toiminnassa.
- Älä altista tätä tuotetta mistään lähteestä aiheutuvalle kuumuudelle, se on suunniteltu luotettavaa toimintaa varten normaaleissa huonelämpötiloissa.
- Älä altista korttia korkeaan intensiteetin valonlähteille (esim. Xenonlamppu tai laser)
- Käytä tätä tuotetta hyvin ilmastoidussa lämpötilassa, äläkä peitä sitä käytön aikana.
- Aseta tämä tuote vakaille, tasaiselle, ei-johtavalle pinnalle sen ollessa käytössä, äläkä anna sen koskettaa johtavaa kohteita.

- Noudata varovaisuutta tätä tuotetta käsitellessäsi mukaansen tai sähköisen vaarallisuuden estämiseksi painettulle pinnalle ja liittimille.
- Vältä tämän tuotteen käsitelyä sen ollessa kytkettyä virtalähteeseen.
- Säiköstaattisen puhtautumisen vaaran minimoimiseksi.
- Kaikkien Raspberry Pi -laitteiden kanssa käytettävien ohjelsaitteiden ja muiden laitteiden on oltava käyttönormaan asainmukaisten standardien mukaisia, ja niiden on oltava merkittyä sen valmistamiseksi, että turvallisus ja suorituskykyvaatimukset täytetään.

- Listäetulojen saamiseksi kaikkia vaatimustenmukaisuussertifikaateista virale verkostovsioilla www.raspberrypi.org/compliance.

Français

Raspberry Pi 4 Modèle B
IMPORTANT: VEUILLEZ CONSERVER CETTE INFORMATION POUR VOS Y REPORTER ULTERIEUREMENT.

Avertissements

Toute alimentation électrique externe utilisée avec le Raspberry Pi doit être conforme aux réglementations et normes applicables dans le pays d'utilisation. L'alimentation électrique doit fournir 5 V CC et un courant nominal minimum de 3 A.

- Ce produit ne doit pas être utilisé à une vitesse supérieure à celle prévue pour son usage.
- N'exposez pas ce produit à l'eau ou à l'humidité et ne le placez pas sur une surface conductrice pendant le fonctionnement.
- N'exposez pas ce produit à la chaleur quelle qu'en soit la source; il est conçu pour un fonctionnement fiable à des températures ambiantes normales.
- N'exposez pas la carte à des sources de lumière de haute intensité (par exemple flash au xénon ou laser)
- Faites fonctionner ce produit dans un environnement bien ventilé et ne le couvrez pas pendant l'utilisation.

- Placez ce produit sur une surface stable, plane et non conductrice pendant son utilisation et ne le laissez pas en contact avec des éléments conducteurs.
- Faites attention lors de la manipulation de ce produit pour éviter tout dommage mécanique ou électrique au niveau de la carte de circuit imprimé et des connecteurs.
- Évitez de manipuler ce produit lorsqu'il est sous tension. Ne manipulez que par les bords afin de minimiser les risques de dommages dus aux décharges électrostatiques.

- Tout périphérique ou équipement utilisé avec le Raspberry Pi doit être conforme aux normes applicables dans le pays d'utilisation et être marqué en conséquence pour garantir la sécurité et les performances.
- Pour tous les certificats et numéros de conformité, veuillez consulter www.raspberrypi.org/compliance

Deutsch

Raspberry Pi 4 Modell B
WICHTIG: BITTE BEWAHREN SIE DIESE INFORMATIONEN FÜR ZUKUNFTIGE REFERENZ.

Achtung

- Jedes externe Netzteil, das mit dem Raspberry Pi verwendet wird, muss den einschlägigen Vorschriften und Normen entsprechen, die im Bestimmungsland gelten. Die Stromversorgung sollte 5 V Gleichstrom und einen minimalen Nennstrom von 3 A liefern.
- Anweisungen für die sichere Verwendung
- Dieses Produkt sollte nicht überhitzt werden.
- Setzen Sie dieses Produkt nicht Wasser oder Feuchtigkeit aus und stellen Sie es während des Betriebs nicht auf eine leitfähige Oberfläche.

- Setzen Sie dieses Produkt keiner Wärmequelle aus. Es ist für einen zuverlässigen Betrieb bei normalen Raumtemperatur ausgelegt.
- Stel het bord niet bloot aan lichtbronnen met een hoge intensiteit (bijv. Xenonflits of laser)
- Betriben Sie dieses Produkt in einer gut belüfteten Umgebung und decken Sie es während des Gebrauchs nicht ab.
- Stellen Sie dieses Produkt während des Gebrauchs auf eine stabile, flache, nicht leitende Oberfläche und lassen Sie es nicht mit leitfähigen Gegenständen in Berührung kommen.

- Seien Sie vorsichtig beim Umgang mit diesem Produkt, um mechanische oder elektrische Schäden an der Leiterplatte und den Anschlüssen zu vermeiden.
- Vermieden Sie die Handhabung dieses Produkts während der Stromversorgung. Produkt nur an den Rändern anfassen, um das Risiko von elektrostatischen Entladungsschäden zu minimieren.

- Alle Peripheriegeräte oder Geräte, die mit dem Raspberry Pi verwendet werden, müssen den geltenden Normen für das jeweilige Land entsprechen und entsprechend gekennzeichnet sein, um zu gewährleisten, dass die Sicherheits- und Leistungsanforderungen erfüllt werden.

Alle Konformitätszertifikate und -nummern finden Sie auf www.raspberrypi.org/compliance.

Italiano

Raspberry Pi 4 Model B

IMPORTANTE: CONSERVARE QUESTE INFORMAZIONI PER RIFERIMENTO FUTURO.

Avvisi

- Tutti gli alimentatori esterni utilizzati con il Raspberry Pi devono essere conformi alle normative e agli standard pertinenti applicabili nel paese di utilizzo previsto. L'alimentatore utilizzato dovrà fornire 5 V CC e una corrente nominale minima di 3 A.
- Istruzioni per l'utilizzo in sicurezza
- Questo prodotto non deve essere overclocato.
- Non esporre questo prodotto all'acqua o all'umidità e non collocarlo su una superficie conduttiva mentre è in funzione.

- Non esporre questo prodotto a fonti di calore. Il prodotto è progettato per un funzionamento affidabile solo alla normale temperatura ambiente.
- Non esporre la scheda a fonti di luce ad alta intensità (ad esempio flash allo xeno o laser)
- Utilizzare questo prodotto in un ambiente ben ventilato e non coprirlo durante l'uso.
- Per l'uso, collocare questo prodotto su una superficie stabile, piana e non conduttiva. Evitare che venga in contatto con oggetti conduttivi.
- Durante l'uso o lo spostamento del prodotto prestare attenzione ad evitare danni meccanici o elettrici al circuito stampato e ai connettori.
- Evitare di maneggiare questo prodotto mentre è alimentato. Afferrare solo dai bordi per ridurre al minimo il rischio di danni da scariche elettrostatiche.

- Tutte le periferiche e le apparecchiature utilizzate con il Raspberry Pi devono essere conformi agli standard pertinenti per il paese di utilizzo ed essere dotate del relativo marchio a garanzia della conformità con i requisiti di sicurezza e prestazioni necessari.
- Per informazioni sui numeri e certificati di conformità, visitare www.raspberrypi.org/compliance.

日本語

Raspberry Pi 4 モデル B

- 重要: 将来参照できるようにこの情報は保管しておいてください。

警告

- Raspberry Pi と共に使用する外部電源は使用対象国内の規格や基準に準拠したものでしてください。電源の出力は 5V DC で最低定格電流が 3A でなければなりません。

安全を使用するための説明

- 本製品をオーバークロックしてはなりません。
- 本製品を水や湿気にとさらしたり、動作中に導電性の面に触れてはなりません。
- 本製品をどんな熱源からの熱にもさらさないでください。本製品は通常の室温で動作するように設計されています。
- ホードを高温度の光源（キセノンランプ、シャワーレーザなど）にさらさないでください。
- 本製品を扱う際、慎重に取り扱い、プリント基板あそびのコンタクト部への物理的または電気的損傷を避けてください。

- 電源が入っている状態で本製品に触れることは避けてください。静電放電による損傷のリスクを最小限にするため、持つ際は端を持ってください。
- 安全と性能の要件を満たすため、Raspberry Pi と共に使用する周辺機器または装置は使用国内の規制や基準に準拠したものに、該当する表記のあるものにしてください。

すべての顧客証明書および番号については www.raspberrypi.org/compliance を参照してください

한국어

Raspberry Pi 4 모델 B

- 중요: 추후 참조를 위해 이 정보를 보관하십시오。

경고

- Raspberry Pi 전원 공급 장치 관련 규정 및 공급 장치는 5V 공급해야 합니다.

- 안전한 사용을 위한 지침은 본 제품을 '오버 클럭'하지 마십시오.

- 본 제품을 물이 작동 중에 전도 마십시오. 일반 안전적인 작동 온도에는 제한이 없습니다.

- 본 제품을 모든 마십시오. 일반 안전적인 작동 온도에는 제한이 없습니다.

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- Cualquier fuente de alimentación externa utilizada con la Raspberry Pi deberá cumplir con las correspondientes regulaciones y normas aplicables en el país de uso previsto. La fuente de alimentación debe proporcionar 5V DC y una corriente nominal mínima de 3A. Instrucciones para un uso seguro
- Este producto no debe ser usado con una frecuencia de reloj superior a la nominal. (No se debe overclockear).
- No exponga este producto al agua o a la humedad, y no lo coloque sobre una superficie conductora mientras está en funcionamiento.
- No exponga este producto a ningún tipo de fuente de calor; está diseñado para un funcionamiento fiable a temperatura ambiente normal.
- No exponga la placa a fuentes de luz de alta intensidad (por ejemplo, flash de xenón o láser)
- Utilice este producto en un ambiente bien ventilado, y no lo cubra durante el uso.
- Coloque este producto sobre una superficie estable, plana y no conductora mientras esté en uso, y no permita que entre en contacto con elementos conductores.
- Tenga cuidado al manipular este producto para evitar daños mecánicos o eléctricos en la placa de circuito impreso y en los conectores.
- Evite manipular este producto mientras está encendido. Sujételo solo por los bordes para minimizar el riesgo de daños por descargas electrostáticas.
- Cualquier periférico o equipo utilizado con la Raspberry Pi debe cumplir con las normas aplicables en el país de uso y debe estar marcado en consecuencia para garantizar que se cumplen los requisitos de seguridad y rendimiento. Para obtener todos los certificados de conformidad y sus números de registro, visite www.raspberrypi.org/compliance.

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EN 55024 as Class B equipment) SPECTRUM (art 3.2): **EN 300 328 Ver 2.1.1, EN 301 893 V2.1.0** In accordance with Article 10.8 of the Radio Equipment Directive: The device Raspberry Pi 4 Model B operates in compliance with harmonised standard EN 300 328 V2.1.1 and transceives within the frequency band 2,400 MHz to 2,483.5 MHz and, as per Clause 4.3.2.2 for wideband modulation type equipment, operates at a maximum e.i.r.p. of 20dBm. The device Raspberry Pi 4 Model B also operates in compliance with harmonised standard EN 301 893 V2.1.1 and transceives within the frequency bands 5150-5250MHz, 5250-5350MHz, and 5470-5725MHz and, as per Clause 4.2.3.2 for wideband modulation type equipment, operates at a maximum e.i.r.p. of 23dBm (5150-5350MHz) and 30dBm (5450-5725MHz). In accordance with Article 10.10 of the Radio Equipment Directive, and as per below list of country codes, the operating bands 5150-5350MHz are strictly for indoor usage only.

BE	BG		CZ	DK
DE	EE		IE	EL
ES	FR	HR	IT	CY
LV	LT	LU	H U	MT
NL	AT	PL	PT	RO
SI	SK	FI	SE	UK

The Raspberry Pi complies with the relevant provisions of the RoHS Directive for the European Union.

WEEE Directive Statement for the European Union

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling. Note: A full online copy of this Declaration can be found at www.raspberrypi.org/compliance/

 **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.**

FCC

Raspberry Pi 4 Model B FCC ID: 2ABCB-RP14B This device complies with Part 15 of FCC Rules. Operation is Subject to following two conditions:(1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that cause undesired operation.

Caution: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user s authority to operate the equipment. This equipment has been tested and found to comply within 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 generates, 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 measures: • Re-orient or relocate the receiving antenna • Increase the separation between the equipment and receiver

• Connect the equipment into an outlet on a different circuit from that to which the receiver is connected • Consult the dealer or an experienced radio/TV technician for help.

For products available on the USA/Canada market, only channels 1 to 11 are available for 2.4GHz WLAN

We, Raspberry Pi (Trading) Limited, Maurice Wilkes Building, Cowley Road, Cambridge, CB4 0DS, United Kingdom, Declare under our sole responsibility that the product: Raspberry Pi 4 Model B to which this declaration relates is in conformity with the *essential requirements* and *other relevant requirements* of the Radio Equipment Directive (2014/53/EU). The product is in conformity with the following standards and/or other normative documents: **SAFETY (art 3.1.a), IEC 60950-1: 2005 (2nd Edition) and EN 62311: 2008 EMC (art 3.1.b), EN 301 489-1/ EN 301 489-17 Ver. 3.1.1 (assessed in conjunction with ITE standards EN 55032 and**

EU Radio Equipment Directive (2014/53/EU) Declaration of Conformity (DoC)

We, Raspberry Pi (Trading) Limited, Maurice Wilkes Building, Cowley Road, Cambridge, CB4 0DS, United Kingdom, Declare under our sole responsibility that the product: Raspberry Pi 4 Model B to which this declaration relates is in conformity with the *essential requirements* and *other relevant requirements* of the Radio Equipment Directive (2014/53/EU).

The product is in conformity with the following standards and/or other normative documents:

SAFETY (art 3.1.a), IEC 60950-1: 2005 (2nd Edition) and EN 62311: 2008 EMC (art 3.1.b), EN 301 489-1/ EN 301 489-17 Ver. 3.1.1 (assessed in conjunction with ITE standards EN 55032 and

are required to be evaluated using the FCC multi-transmitter procedures. This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device contains an integral antenna hence, the device must be installed to so that a separation distance of at least 20cm from all persons.

ISED

Raspberry Pi 4 Model B IC: 20953-RP14B 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For products available on the USA/Canada market, only channels 1 to 11 are available for 2.4GHz WLAN Selection of other channels is not possible.

Pour les produits disponibles sur le marché USA / Canada, seuls les canaux 1 à 11 sont disponibles pour le réseau local sans fil 2,4 GHz. La sélection d'autres canaux n'est pas possible. This device and its antenna(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnent avec une autre antenne ou transmetteur. The device for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. Les dispositifs fonctionnant dans la bande 5150-5250 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. IMPORTANT NOTE: IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum separation distance of 20cm between the device and all persons. Cet équipement est conforme aux limites d'exposition au rayonnement IC RSS-102 définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance de séparation minimale de 20 cm entre l'appareil et toutes les personnes.

INTEGRATION INFORMATION FOR THE OEM

It is the responsibility of the OEM / Host product manufacturer to ensure continued compliance to FCC and ISED Canada certification requirements once the module is integrated in to the Host product. Please refer to FCC KDB 996369 D04 for additional information. The module is subject to the following FCC rule parts: 15.207, 15.209, 15.247, 15.403 and 15.407

Host Product User Guide Text

FCC Compliance

This device complies with Part 15 of FCC Rules. Operation is Subject to following two conditions:

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

Caution: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user s authority to operate the equipment.

This equipment has been tested and found to comply within 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 generates, 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 measures: • Re-orient or relocate the receiving antenna • Increase the separation between the equipment and receiver

• Connect the equipment into an outlet on a different circuit from that to which the receiver is connected • Consult the dealer or an experienced radio/TV technician for help.

and receiver

- Connect the equipment into an outlet on a different circuit from that to which the receiver is connected • Consult the dealer or an experienced radio/TV technician for help.

For products available in the USA/Canada market, only channels 1 to 11 are available for 2.4GHz WLAN. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter except in accordance with FCC's multi-transmitter procedures. This device operates in the 5.15–5.25GHz frequency range and is restricted to in indoor use only.

ISED Canada Compliance

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.Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.For products available in the USA/Canada market, only channels 1 to 11 are available for 2.4GHz WLAN Selection of other channels is not possible.Pour les produits disponibles sur le marché USA / Canada, seuls les canaux 1 à 11 sont disponibles pour le réseau local sans fil 2,4 GHz. La sélection d'autres canaux n'est pas possible. This device and its antenna(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. Cet appareil et son antenne(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnent avec une autre antenne ou transmetteur. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. les dispositifs fonctionnant dans la bande 5150-5250 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. IMPORTANT NOTE: IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum separation distance of 20cm between the device and all persons. Cet équipement est conforme aux limites d'exposition au rayonnement IC RSS-102 définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance de séparation minimale de 20 cm entre l'appareil et toutes les personnes.

Host Product Labelling: The host product must be labelled with the following information:

"Contains TX FCC ID: 2ABCB-RP14B" "Contains IC: 20953-RP14B" "This device complies with Part 15 of FCC Rules. Operation is Subject to following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that cause undesired operation."

Important Notice to OEMs: The FCC Part 15 text must go on the Host product unless the product is too small to support a label with the text on it. It is not acceptable just to place the text in the user guide.

E-Labelling It is possible for the Host product to use e-labelling providing the Host product supports the requirements of FCC KDB 784748 D02 e labelling and ISED Canada RSS-Gen, section 4.4.

E-labelling would be applicable for the FCC ID, ISED Canada certification number and the FCC Part 15 text.

Changes in Usage Conditions of this Module This device has been approved as a Mobile device in accordance with FCC and ISED Canada requirement. This means that there must be a minimum separation distance of 20cm between the Module's antenna and any persons. A change in use that involves a separation distance <20cm (Portable usage) between the Module's antenna and any persons is a change in the RF exposure of the module and, hence, is subject to a FCC Class 2 Permissive Change and a ISED Canada Class 4

Permissive Change policy in accordance with FCC KDB 996396 D01 and ISED Canada RSP-100. As noted above, This device and its antenna(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. If the device is co-located with multiple antennas, the module could be subject to a FCC Class 2 Permissive Change and a ISED Canada Class 4 Permissive Change policy in accordance with FCC KDB 996396 D01 and ISED Canada RSP-100. In accordance with FCC KDB 996369 D03, section 2.9, test mode configuration information is available from the Module manufacturer for the Host (OEM) product manufacturer.

Spain

"La operación de este equipo está sujeta a las siguientes dos condiciones"1. Es posible que este equipo o dispositivo no cause interferencia perjudicial.2. Este equipo o dispositivo debe aceptar cualquier interferencia. Incluyendo la que pueda causar su operación no deseada.

Australia and New Zealand

Class B Emissions Compliance Statement Warning: This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Japan

In door use only, except for connection to Base stations or Land mobile relay stations for a 5.2 GHz band high-power data communication system. Do not apply DC voltage to PoE pins. 「当該無線設備の基地又は5.2GHz帯高出力データ通信システムの基地局又は陸上移動中継局と通信する場を除き屋内においてのみ可能」

 007-AH0184 D1900057007

 **South Korea** KCC: R-C-P2R-RP14B

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