

Русский

- Raspberry Pi 4 Модель В
- ВАЖНО: СОХРАНИТЕ ЭТУ ИНФОРМАЦИЮ ДЛЯ БУДУЩЕГО ИСПОЛЬЗОВАНИЯ.
- Внимание!
- Любой внешний источник питания, используемый с Raspberrу Pi, должен соответствовать соответствующим нормам и стандартам, применяемым в стране предполагаемого использования. Источник питания должен обеспечивать 5 В постоянного тока и минимальный номинальный ток 3 А. Инструкции по безопасному использованию
 - Этот продукт не должен использоваться вопреки нормативам производителя.
 - Не подвергайте этот продукт воздействию воды или влаги и не размещайте его на проводящей поверхности во время работы.
 - Не подвергайте этот продукт воздействию тепла из любого источника; он предназначен для надежной работы при нормальной комнатной температуре.
 - Эксплуатируйте этот продукт в хорошо проветриваемой среде и не накрывайте его во время использования.
 - Поместите этот продукт на устойчивую, плоскую, непроводящую поверхность во время использования и не позволяйте ему контактировать с проводящими изделиями.
 - Соблюдайте осторожность при обращении с этим продуктом, чтобы избежать механического или электрического повреждения печатной платы и разъемов.
 - Избегайте обращения с этим продуктом во время его питания. Используйте только края, чтобы свести к минимуму риск повреждения электростатического разряда.
 - Любое периферийное устройство или оборудование, используемое с Raspberrу Pi, должно соответствовать соответствующим стандартам для страны использования и быть соответствующим образом маркировано для обеспечения соблюдения требований безопасности и производительности. Для всех сертификатов соответствия и номеров, пожалуйста, посетите www.raspberrypi.org/compliance.
- Español
- Raspberry Pi 4 Modelo B
- IMPORTANTE: POR FAVOR CONSERVE ESTA INFORMACION PARA FUTURA REFERENCIA.
- Advertencias
- 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.
 - 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.


Svenska

- Raspberry Pi 4 Modell B
- VIKTIGT: BEHÅLL DENNA INFORMATION FÖR FRAMTIDA REFERENS.
- Varningar
- Alla externa strömförsörjningar som används med Raspberry Pi måste uppfylla alla tillämpliga regler och standarder i det land där de används. Strömförsörjningen måste tillhandahålla 5 VDC och ha en lägsta märkström på 3 A. Instruktioner för säker användning
 - Produkten bör inte överklockas.
 - Utsätt inte produkten för vatten eller fukt, och placera den inte på en ledande yta medan den är i drift.
 - Utsätt inte produkten för värme från någon värmekälla. Den är utformad för tillförlitlig drift vid normal rumstemperatur.
 - Använd produkten i en väl ventilerad miljö, och täck inte över den vid användning.
 - Placera produkten på en stabil, isolerad yta vid användning, och låt den inte komma i kontakt med ledande föremål.
 - Var försiktig när du hanterar produkten för att undvika mekaniska eller elektriska skador på kretskortet och kontakterna.
 - Undvik att hantera produkten med strömmen på. Håll den endast i kanterna för att undvika elektrostatiska urladdningar.
 - Eventuell kringutrustning och utrustning som används med Raspberry Pi måste uppfylla relevanta standarder i det land där den används, och den bör märkas så att säkerhets- och prestandakraven uppfylls. Besök www.raspberrypi.org/compliance, för alla certifikat och nummer om överensstämmelse.

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 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).

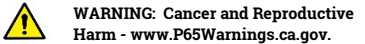
In accordance with Article 10.10 of the Radio Equipment Directive, and as per below list of country codes, the operating bands 5150-5350MHz are strictly for indoor usage only.

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/



FCC

Raspberry Pi 4 Model B FCC ID: 2ABCB-RPI4B

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

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.

IMPORTANT NOTE: FCC Radiation Exposure Statement; Co-location of this module with other transmitter that operate simultaneously 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-RPI4B

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 fonctionnement en association 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.

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.

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) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

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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-RPI4B" "Contains IC: 20953-RPI4B"

"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

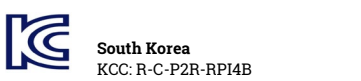
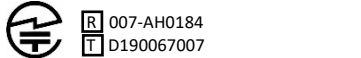
Warning: This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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.

「当該無線設備の送信は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合を除き屋内においてのみ可能」



사용자 안내문

이기기는 업무용 환경에서 사용할 목적으로 적합성평가 받은 기기로서 가정용 환경에서 사용하는 경우전자파간섭의 우려가 있습니다.

본 기기는 통신 이용 상태의 경우 인체(머리, 몸통)와 20cm 초과하는 거리에서 사용되어야 합니다. 실내전용

China CMIIT ID 2019AJ10494

