



## CERTIFICATE OF TYPE APPROVAL

### 類 型 檢 定 證 書

This is to certify that the equipment below has been evaluated and found to comply with the **HKCA1039 (Issue 7) and HKCA1084 (Issue 1)** performance specification issued by the Communications Authority under the Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies (LCB Scheme) (OFCA I 426(22) Issue 5 April 2022).

茲證明下述無線電訊設備已予鑑定，符合通訊事務管理局根據本地認證機構對電訊設備和工業、科學及醫療設備進行驗證的計劃（本地認證機構計劃）（OFCA I 426(22) 第五版二零二二年四月）所發出的 **HKCA1039 (第七版) 及 HKCA1084 (第一版)** 效能規格。

|                             |                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Certificate Holder<br>證書持有人 | : Raspberry Pi Ltd<br>194 Cambridge Science Park Milton Rd, Milton, Cambridge CB4 0AB,<br>United Kingdom                                     |
| Manufacturer<br>製造商         | : Raspberry Pi Ltd<br>194 Cambridge Science Park Milton Rd, Milton, Cambridge CB4 0AB,<br>United Kingdom                                     |
| Brand Name<br>牌子            | : Raspberry Pi                                                                                                                               |
| Model Number<br>型號          | : Raspberry Pi 500                                                                                                                           |
| Trade Name<br>商用名稱          | : Computer built into a keyboard                                                                                                             |
| Type of Equipment<br>設備類型   | : 1) 2.4 / 5 GHz Wireless LAN Equipment<br>2.4 / 5 吉赫無線局部區域網絡設備<br>2) Radio Equipment Exempted from Licensing – Bluetooth<br>豁免領牌的無線電設備 – 藍牙 |

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Dr. LEE Kam Chuen

(Tel: +852 2666 1855 Email: hkep@stc.group)

Authorized Signatory, for and on behalf of

The Hong Kong Standards and Testing Centre Ltd.

The issue of this Certificate is subject to the Conditions stated on last page.  
本證書的發出受到末頁所列的條件規限。

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|----------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Modulation<br>調制種類                                                 | : | 1) WLAN: DSSS (DBPSK, DQPSK, CCK)<br>OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM )                                                                      |
|                                                                            | : | 2) Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK                                                                                                           |
| R.F. Channel Separation<br>射頻頻道間距                                          | : | 1) WLAN: 20 MHz, 40 MHz, 80 MHz                                                                                                                    |
|                                                                            | : | 2) Bluetooth: 1 MHz, 2 MHz                                                                                                                         |
| R.F. Output Power<br>射頻輸出功率                                                | : | 1) WLAN: 19.60 dBmW (e.i.r.p.) (2400.0 – 2483.5 MHz)<br>18.30 dBmW (e.i.r.p.) (5150.0 – 5350.0 MHz)<br>20.50 dBmW (e.i.r.p.) (5470.0 – 5725.0 MHz) |
|                                                                            | : | 2) Bluetooth: 8.40 dBmW (e.i.r.p.)                                                                                                                 |
| Operating Frequency Range<br>操作頻率範圍                                        | : | 1) WLAN: 2400.0 – 2483.5MHz,<br>5150.0 – 5350.0 MHz,<br>5470.0 – 5725.0 MHz                                                                        |
|                                                                            | : | 2) Bluetooth: 2400.0 – 2483.5 MHz                                                                                                                  |
| Maximum Specific<br>Absorption Rate Value<br>(W/kg)<br>最大的比吸收率值<br>(瓦特/公斤) | : | 2.61 W/kg (Limbs value based on ICNIRP Guidelines)                                                                                                 |
| Antenna Information<br>天線資料                                                | : | Internal Antenna                                                                                                                                   |

#### **CONDITIONS**

1. The certificate holder is agreed to abide by the Regulations for Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies ("LCB Scheme") as set forth and amended from time to time by The Hong Kong Standards and Testing Centre Ltd.
2. Prior approval from The Hong Kong Standards and Testing Centre Ltd. is required for any alteration in Model No. / Brand Name or other particulars for this equipment.
3. No electrical or mechanical change shall be made to this equipment without prior approval from The Hong Kong Standards and Testing Centre Ltd.
4. The Hong Kong Standards and Testing Centre Ltd. reserves the right to call for additional samples of the equipment marketed for testing against the Communications Authority's specifications.
5. This certificate may be withdrawn if the equipment marketed is found not meeting the technical specification(s) prescribed by the Communications Authority of Hong Kong or any of the conditions on this certificate is breached.
6. The certificate holder shall perform remedial actions or recall the certified equipment marketed in Hong Kong as may be required by The Hong Kong Standards and Testing Centre Ltd. or the Communications Authority of Hong Kong if they are found not meeting the prescribed technical or safety requirements.
7. The Communications Authority retains all authority under the law to interpret, implement and enforce the relevant technical regulations governing telecommunications equipment, as well as industrial, scientific and medical equipment emitting radio frequency energy intentionally, which is for use or sale in Hong Kong.
8. The certificate holder allows the Office of the Communications Authority to publish the relevant technical information on its website.
9. This certificate may be withdrawn and all the marketed equipment may be recalled if the equipment is a customer premises equipment and generates connection problems in the Hong Kong public telecommunications network.
10. Product certification scheme is Type 1a as defined in ISO/IEC 17067:2013.
11. For equipment classified under "Compulsory Certification Scheme" (CCS), use of the equipment shall be subject to the issue of a licence by the Communications Authority or in accordance with the requirements under a class licence.

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