

[home](#) >
 [view certified devices](#) >
 [certified device detail](#)

Certified Device Detail

Below are all of the certified HW/SW versions of this device.

Manufacturer: Beijing Inhand Networks Technology
Model Name/Number: CPE02
Device Type: Router
Antenna Type: External
External Antenna less than 20cm away: Yes



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IoT Network Certified for Smart Connected Infrastructure™? No

IoT Market Segment: Healthcare, Hospitality, Retail

Technologies and Bands:

E-UTRA FDD	Band 2	Band 4	Band 5	Band 7
	Band 12	Band 13	Band 14	Band 17
	Band 25	Band 26	Band 29	Band 30
	Band 66	Band 71		
E-UTRA TDD	Band 38	Band 41	Band 42	Band 43
	Band 46	Band 48		
E-UTRA CA Downlink	CA_2A-2A	CA_2A-2A-4A	CA_2A-2A-4A-4A	CA_2A-2A-4A-5A
	CA_2A-2A-4A-12A	CA_2A-2A-5A-30A	CA_2A-2A-5A-30A-66A	CA_2A-2A-5A-66A
	CA_2A-2A-5A-66A-66A	CA_2A-2A-7A-66A	CA_2A-2A-12A	CA_2A-2A-12A-30A
	CA_2A-2A-12A-30A-66A	CA_2A-2A-12A-66A	CA_2A-2A-12A-66A-66A	CA_2A-2A-14A
	CA_2A-2A-14A-30A-66A	CA_2A-2A-14A-66A	CA_2A-2A-14A-66A-66A	CA_2A-2A-29A-30A
	CA_2A-2A-30A	CA_2A-2A-30A-66A	CA_2A-2A-66A	CA_2A-2A-66A-66A
	CA_2A-4A	CA_2A-4A-4A	CA_2A-4A-4A-12A	CA_2A-4A-5A
	CA_2A-4A-5A-12A	CA_2A-4A-5A-29A	CA_2A-4A-5A-30A	CA_2A-4A-7A
	CA_2A-4A-7A-7A	CA_2A-4A-7C	CA_2A-4A-12A	CA_2A-4A-12A-30A
	CA_2A-4A-29A	CA_2A-4A-29A-30A	CA_2A-4A-30A	CA_2A-5A
	CA_2A-5A-29A	CA_2A-5A-30A	CA_2A-5A-30A-66A	CA_2A-5A-30A-66A-66A
	CA_2A-5A-66A	CA_2A-5A-66A-66A	CA_2A-5B-30A	CA_2A-5B-30A-66A
	CA_2A-5B-66A	CA_2A-5B-66A-66A	CA_2A-7A-7A	CA_2A-7A-12A
	CA_2A-12A	CA_2A-12A-30A	CA_2A-12A-30A-66A	CA_2A-12A-30A-66A-66A
	CA_2A-12A-66A	CA_2A-12A-66A-66A	CA_2A-13A-66A	CA_2A-14A
	CA_2A-14A-30A	CA_2A-14A-30A-66A	CA_2A-14A-30A-66A-66A	CA_2A-14A-66A
	CA_2A-14A-66A-66A	CA_2A-14A-66A-66A-66A	CA_2A-17A	CA_2A-29A
	CA_2A-29A-30A	CA_2A-29A-30A-66A	CA_2A-30A	CA_2A-30A-66A
	CA_2A-48A	CA_2A-48A-48A-66A	CA_2A-48A-66A	CA_2A-48C-66A
	CA_2A-66A	CA_2A-66A-66A	CA_2A-66C	CA_2C-29A-30A
	CA_4A-4A	CA_4A-4A-5A	CA_4A-4A-5A-30A	CA_4A-4A-12A
	CA_4A-4A-12A-30A	CA_4A-4A-29A-30A	CA_4A-5A	CA_4A-5A-30A
	CA_4A-7A	CA_4A-7A-7A	CA_4A-7A-12A	CA_4A-12A
	CA_4A-12A-30A	CA_4A-12B	CA_4A-13A	CA_4A-17A
	CA_4A-29A	CA_4A-29A-30A	CA_4A-30A	CA_5A-5A-66A
	CA_5A-12A	CA_5A-29A	CA_5A-30A	CA_5A-30A-66A
	CA_5A-30A-66A-66A	CA_5A-66A	CA_5A-66A-66A	CA_5A-66C
	CA_5B	CA_5B-30A-66A	CA_5B-30A-66A-66A	CA_5B-66A
	CA_5B-66A-66A	CA_7A-7A	CA_7A-13A-66A	CA_7A-66A-66A
	CA_7C	CA_12A-30A	CA_12A-30A-66A	CA_12A-30A-66A-66A
	CA_12A-66A	CA_12A-66A-66A	CA_12A-66C	CA_13A-66A-66A

				6A
E-UTRA LAA Downlink CA	CA_14A-66A	CA_14A-66A-66A	CA_29A-30A	CA_29A-30A-66A
	CA_29A-30A-66A-66A	CA_29A-66A	CA_29A-66A-66A	CA_30A-66A
	CA_30A-66A-66A	CA_38C	CA_41C	CA_42A-42A
	CA_42A-42C	CA_42A-42D	CA_42C	CA_42C-42C
	CA_42D	CA_42E	CA_43A-43A	CA_43C
	CA_48A-48A	CA_48A-48A-66A	CA_48A-48C-66A	CA_48A-66A
	CA_48A-66C	CA_48C	CA_48C-48C-66A	CA_48C-66A
	CA_48C-66C	CA_48D	CA_48D-66A	CA_48E
	CA_48E-66A	CA_66A-66A	CA_66A-66A-66A	CA_66A-66C
	CA_66B	CA_66C	CA_66D	
	CA_2A-2A-46D	CA_2A-46A	CA_2A-46A-46A	CA_2A-46A-46A-66A
	CA_2A-46A-46C	CA_2A-46A-46C-66A	CA_2A-46A-46D	CA_2A-46A-66A
	CA_2A-46C	CA_2A-46D	CA_2A-46D-66A	CA_2A-46E
	CA_4A-46A	CA_4A-46A-46A	CA_4A-46A-46C	CA_4A-46A-46D
	CA_4A-46C	CA_4A-46D	CA_7A-46D	CA_46A-46C-66A
	CA_46A-46D-66A	CA_46C-66A	CA_46D-66A	CA_46D-66A-66A
E-UTRA CA Uplink	CA_46E-66A			
	CA_5B	CA_7C	CA_41C	CA_42C
NR FRI NSA	n2	n5	n7	n12
	n25	n30	n38	n41
	n66	n71	n77	n78
NR FRI SA	n2	n5	n7	n12
	n14	n25	n26	n30
	n38	n41	n48	n66
	n70	n71	n77	n78

Regulatory Approval IDs

Type	ID	Issuing Country
FCC	2AANY-CPE02	United States

IMEI TAC:
86147406

Amount of information to be published:

- ☒ Basic
- ☐ Detailed

Features:

☐ A-GNSS

☐ GNSS

☐ AMR-NB

☐ AMR-WB

☒ AT Commands

☐ Bluetooth

☐ CDMA2000

☐ Circuit Switched Voice

☐ DARP

☒ Device Power Class

2



☐ EGPRS Multislot Class

☐ FUMO

☐ GAN/UMA

☐ GPRS Multislot Class

☐ HAC

M - Rating

T - Rating (Optional)

☒ HSDPA

☒ HSUPA

☐ IMPS

☐ ISM

☒ LTE UE Downlink Category

19



☒ LTE UE Uplink Category

18



☐ LwM2M

☒ MIMO Downlink

4 RX DL MIMO with 4-Layer Support



☒ MIMO Uplink

2 TX UL MIMO



☐ MMS Release

☒ Multi-SIM Support

2 SIM



Number

Dual SIM Single Standby (DSSS)



Feature

☐ OMA_Browsing

☐ OMA PoC

☐ OMA DM

☒ OMA SUPL

☐ Consumer Remote SIM Provisioning
(GSMA SGP.22)

eSIM OS Vendor (e.g. Gemalto,
G&D)

[Add Another](#)

☐ M2M Remote SIM Provisioning (GSMA SGP.02)

[Add Another](#)

eSIM OS Vendor (e.g. Gemalto, G&D)

☒ RX Diversity

☐ SCOMO

☐ STK SIM

☒ STK USIM

☐ TD-SCDMA

☐ TTY

☐ Video Telephony

☐ UICC-Based NFC

☐ VoLTE

☐ WAP Version

☐ Wi-Fi

Wi-Fi Solution Manufacturer and Model Name/Number

☐ This is a rebranded device

Request #	HW Version	SW Version	SVN	NAPRD.03 Ver.	Request Type	Test Indicators	Date Certified	Integration ECO - Requires Testing
131219	V1.6	V2.0	80	NR FRI SA Test: V6.11 NR FRI NSA Test: V6.11 MIMO OTA Performance Test: V6.11 Speech Performance Test: V6.11 E-UTRA Test: V6.11 SUPL Test: V6.11 SISO OTA Performance Test: V6.11	Initial	Testing was performed: Yes Category E Failures: No UE Failures: No	May 22, 2025	false