# Wi-Fi CERTIFIED™ Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

## Certification ID: WFA100518

## Product Info

| | |
|---|---|
| Date of Certification | May 9, 2025 |
| Company | Zhuhai Pantum Electronics Co., Ltd. |
| Product Name | 4020 Series |
| Product Model Variant | Certifications version upgrade |
| Model Number | BP5100DW,BP5102DW,BP5105DW,BP5106DW,BP5107DW, BM5100ADW,BM5102ADW,BM5105ADW,BM5106ADW,BM5107ADW, BM5100FDW,BM5102FDW,BM5106FDW |
| Category | Computers & Accessories |
| Sub-category | Printer/Multi-Function Printer/Print Server |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Access | Wi-Fi Protected Setup™ |
| Alternative topologies | Wi-Fi Direct® |
| Network management | WMM® |
| Security | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2024-10 |
| Wi-Fi (MAC/PHY) | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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## Wi-Fi Components

### Wi-Fi Component Operating System
Linux, version:3.0.8

### Wi-Fi Component Firmware
V2.0.0.18

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|---|---|---|
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods
    EAP TLS
    EAP TTLS
    PEAPv0
    PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

### WPA3™-Enterprise 2022-12 (continued)

EAP methods
    EAP TLS
    EAP TTLS
    PEAPv0
    PEAPv1
Server Certificate Validation

### WPA3™-Personal 2024-10

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx
OBSS on Extension Channel
Short Guard Interval
STBC

### Wi-Fi Direct®

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### Wi-Fi Direct® (continued)

Wi-Fi Direct with WPA2

### Wi-Fi Protected Setup™

PIN
Pushbutton