

# 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: WFA80341**

## **Product Info**

| Date of Certification | November 27, 2018   |
|-----------------------|---|
| Company               | Huawei Technologies Co., Ltd.   |
| Product Name          | Huawei AP3050DE with Huawei Access Controller                         |
| Product Model Variant | 2018-11-27 (WFA80341 - 7763865)                                       |
| Model Number          | AP3050DE  |
| Category              | Routers   |
| Sub-category          | Enterprise/Service Provider Access Point, Switch/Controller or Router |

## **Summary of Certifications**

| CLASSIFICATION     | CERTIFICATION  |
|--------------------|--|
| Network management | WMM®<br>WMM®-Power Save  |
| Security           | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04  |
| Wi-Fi (MAC/PHY)    | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |



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### **Role: Access Point**

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| Wi-Fi Components                  |                 |               |              |
|-----------------------------------|-----------------|---------------|--------------|
| Wi-Fi Component Operating System  | RF Architecture |               |              |
| Linux                             | Bands Supported | Transmit (Tx) | Receive (Rx) |
| Wi-Fi Component Firmware<br>Ver.B | 2.4 GHz         | 2             | 2            |
| Vel.D                             | 5 GHz           | 2             | 2            |

#### Certifications

| 2.4 GHz Spectrum Capabilities   | WPA2™-Enterprise 2018-04 (continued)                      |
|---|---|
| 20 MHz Channel Width in 2.4 GHz<br>40 MHz Channel Width in 2.4 GHz                              | EAP methods   |
| 5 GHz Spectrum Capabilities   | WPA2™-Personal 2018-04<br>Wi-Fi CERTIFIED™ a              |
| 20 MHz Channel Width in 5 GHz<br>40 MHz Channel Width in 5 GHz<br>80 MHz Channel Width in 5 GHz | Wi-Fi CERTIFIED™ ac                                       |
| Protected Management Frames   | RTS with BW Signaling<br>A-MPDU with A-MSDU<br>DL MU-MIMO |
| Spectrum & Regulatory 802.11d   | LDPC Rx<br>LDPC Tx<br>MCS 8-9 Rx<br>Short Guard Interval  |
| WMM®  | STBC<br>SU beamformer                                     |
| WMM®-Power Save   | Wi-Fi CERTIFIED™ b  |
| Unschedule auto PS  | Wi-Fi CERTIFIED™ g  |
| WPA2™-Enterprise 2018-04  | Wi-Fi CERTIFIED™ n  |

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### **Role: Access Point**

## Wi-Fi CERTIFIED™ n (continued)

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

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