

FortiAP-C Series

Cloud-managed Access Points

The FortiAP-C series are entry-level cloud-managed Access Points offering Zero-Touch provisioning to support enterprises with remote sites requiring basic wireless LAN connectivity. **The FortiAP-C series are managed through the FREE FortiCloud provisioning and management portal, eliminating the CAPEX and complexity of having to deploy onsite WLAN controllers and management servers.**



Cloud Management

No wireless controller required, reducing upfront CAPEX and providing the convenience of cloud management.



Ease of Deployment

Zero-touch deployments, with no requirement for onsite IT staff.



Simple Pricing

No recurring per AP licenses for full-featured cloud-management nor hidden costs.

Product Offerings

FAP-C220C 802.11ac Wave 1 Indoor APs with a dual 2.4 GHz and 5 GHz radio

FAP-C225C

FAP-C23JD 802.11n Indoor wall plate AP with a single 2.4 GHz radio

FAP-C24JE 802.11ac Wave 2, 2x2 Indoor wall jack AP with dual 2.4 GHz and 5 GHz radios

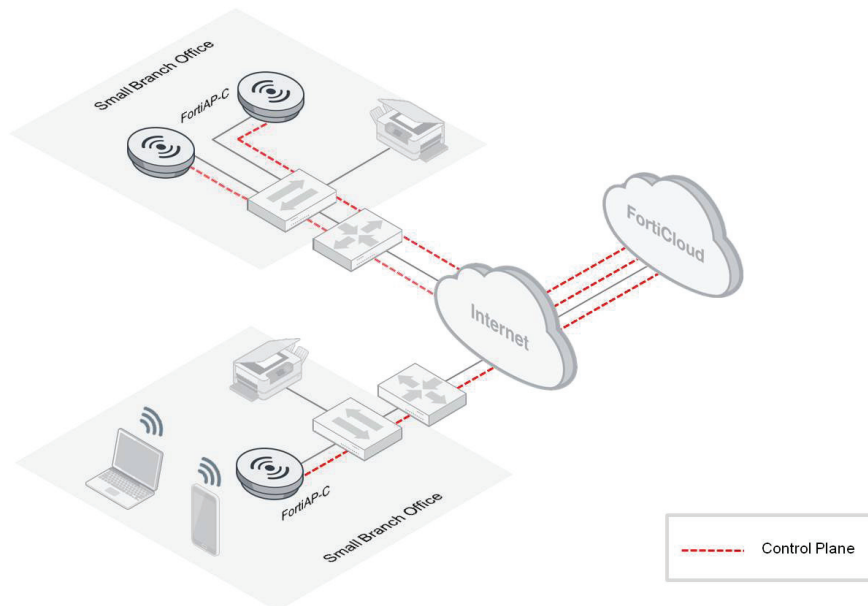
Choice of Hardware Models

There are three hardware models including traditional style Access Points as well as a Wall Jack style with switch ports to address the most common deployment requirements.

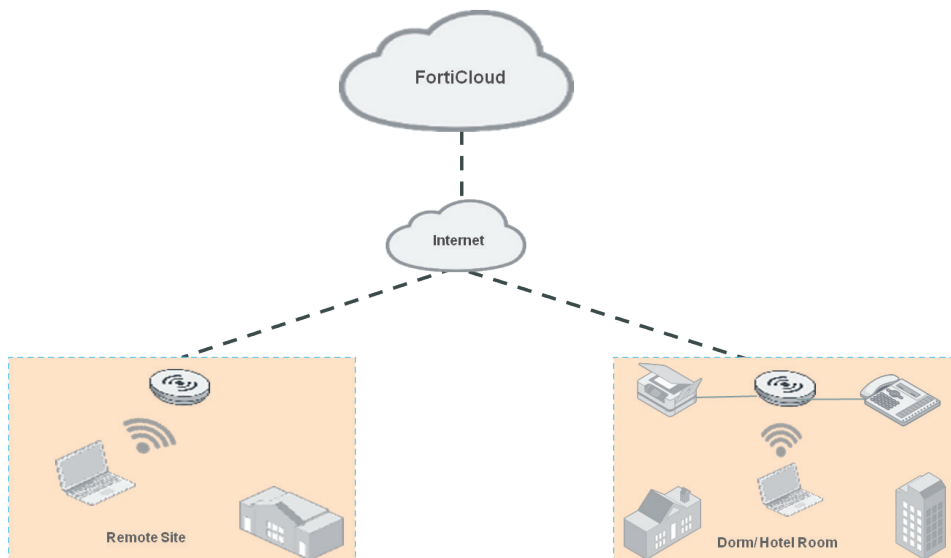
Two APs provide a choice between 2x2 internal antennas, or 2x2 external antenna connectors. The internal antenna model blends seamlessly into the surrounding environment, while the external antenna model supports the use of directional or panel antennas for extended WiFi coverage.

The Wall Jack form factor Access Point is designed to support the wired and wireless connectivity requirements of hotels, hospitals, dorms and other similar facilities. It provides switched Ethernet ports and a pass through port in addition to WiFi coverage.

DEPLOYMENT



FortiAP-C deployed at remote sites



Hotel room and dorm room deployment, managed by FortiCloud

HIGHLIGHTS

FortiAP C220C and C225C

The FAP-C220C and FAP-C225C are 802.11ac indoor basic cloud-managed Wireless access points. These access points are designed for deployment in SMBs and distributed enterprise remote sites that require basic wireless LAN connectivity.

 **802.11ac Wave 1 | Dual Radio 2.4 & 5 GHz | 4 Interior/Exterior Antennas**

 **Up to 300 + 867 Mbps**



SPECIFICATIONS

| | FORTIAP C220C | FORTIAP C225C |
|--|---|---|
| Hardware | | |
| Hardware Type | Indoor | Indoor |
| Number of Radios | 2 | 2 |
| Number of Antennas | 4 Internal | 4 RP-SMA External |
| Peak Antenna Gain | 3.5 dBi for 2.4 GHz, 3.5 dBi for 5 GHz | 3 dBi for 2.4 GHz, 3 dBi for 5 GHz |
| Frequency Bands (GHz) * | 2.400–2.4835, 5.150–5.250, 5.470–5.725, 5.725–5.850 | 2.400–2.4835, 5.150–5.250, 5.470–5.725, 5.725–5.850 |
| Frequency of Radio 1 | 2.4 GHz b/g/n 20/40 MHz | 2.4 GHz b/g/n 20/40 MHz |
| Frequency of Radio 2 | 5 GHz a/n/ac 20/40/80 MHz | 5 GHz a/n/ac 20/40/80 MHz |
| Maximum Data Rate | Radio 1: Up to 300 Mbps Radio 2: Up to 867 Mbps | Radio 1: Up to 300 Mbps Radio 2: Up to 867 Mbps |
| Tx/Rx Streams | MIMO with 2 spatial streams | MIMO with 2 spatial streams |
| Ethernet Ports | 2x GE RJ45 ports (1x WAN port, 1x LAN port) | 2x GE RJ45 ports (1x WAN port, 1x LAN port) |
| USB Port | 1x Type A | 1x Type A |
| Serial Console Port | — | — |
| Power over Ethernet (PoE) | IEEE 802.3af (12 W) | IEEE 802.3af (12 W) |
| Maximum / Recommended Number of Concurrent Clients | 32 / 20 | 32 / 20 |
| WME Multimedia Extensions | Yes (4 priority queues for voice, video, data and background traffic) | Yes (4 priority queues for voice, video, data and background traffic) |
| Simultaneous SSIDs | 8 | 8 |
| EAP Type(s) | EAP-TLS, EAP-TTLS/MSCHAPv2, EAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC EAP-SIM, EAP-AKA, EAP-FAST | EAP-TLS, EAP-TTLS/MSCHAPv2, EAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC EAP-SIM, EAP-AKA, EAP-FAST |
| User/Device Authentication | WPA™ and WPA2™ with 802.1x or Preshared key, WEP | WPA™ and WPA2™ with 802.1x or Preshared key, WEP |
| Support Local-Authentication SSID using Open or WPA2-Personal Security | Yes | Yes |
| Support 64-digit Hexadecimal Passphrase for WPA2-Personal Security | Yes | Yes |
| Support Captive-portal SSID | Yes | Yes |
| Support Local-Standalone SSID when Managed by FortiCloud (in Bridge mode only) | Yes | Yes |
| Maximum Tx Power | 23 dBm (200 mW)* | 23 dBm (200 mW)* |
| Physical Security | No | No |
| Mean Time Between Failures | >10 Years | >10 Years |

| | FORTIAP C220C | FORTIAP C225C |
|--|---|---|
| IEEE Specifications | 802.11a, 802.11b, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11n, 802.1x, 802.3af, 802.11ac | 802.11a, 802.11b, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11n, 802.1x, 802.3af, 802.11ac |
| FortiPresence Capable | No | No |
| Wireless Mesh Capable | No | No |
| Roaming | No | No |
| Rogue AP Detection | No | No |
| DAARP/TX | No | No |
| Advanced 802.11 Features | | |
| Low-Density Parity Check (LDPC) Encoding | Yes | Yes |
| Maximum Likelihood Demodulation (MLD) | No | No |
| Maximum Ratio Combining (MRC) | Yes | Yes |
| A-MPDU and A-MSDU Packet Aggregation | Yes | Yes |
| MIMO Power Save | Yes | Yes |
| WME Multimedia Extensions | Yes (4 priority queues for voice, video, data and background traffic) | Yes (4 priority queues for voice, video, data and background traffic) |
| Dimensions | | |
| Length x Width x Height | 8.5 x 8.5 x 1.38 inches (21.6 x 21.6 x 3.5 cm) | 8.5 x 8.5 x 1.38 inches (21.6 x 21.6 x 3.5 cm) |
| Weight | 1.02 lb (0.46 kg) | 1.02 lb (0.46 kg) |
| Package (shipping) Weight | 1.94 lb (0.88 kg) | 1.94 lb (0.88 kg) |
| Mounting Options | Ceiling, T-Rail and wall | Ceiling, T-Rail and wall |
| Included Accessories | Ceiling, T-Rail and wall mount kit | Ceiling, T-Rail and wall mount kit |
| Environment | | |
| Power Supply | Adapter Input: 100–240V, 50/60Hz, 0.9A Maximum Output: 12V DC, 3A | Adapter Input: 100–240V, 50/60Hz, 0.9A Maximum Output: 12V DC, 3A |
| Power Consumption (Average) | 5 W | 5 W |
| Power Consumption (Maximum) | 12 W | 12 W |
| Humidity | 5–90% non condensing | 5–90% non condensing |
| Operating Temperature | 32–104°F (0–40°C) | 32–104°F (0–40°C) |
| Storage Temperature | –4–158°F (–20–70°C) | –4–158°F (–20–70°C) |
| Directives | Low Voltage Directive • RoHS | Low Voltage Directive • RoHS |
| Warranty | | |
| Limited Lifetime Warranty | Yes | Yes |

* Frequency selection and power may be restricted to abide by regional regulatory compliance laws.

RF RX/TX PERFORMANCE TABLE

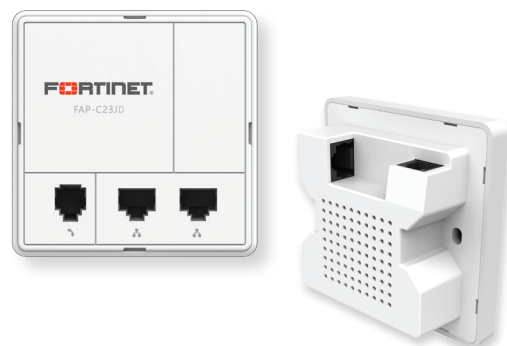
| FORTIAP C220C AND FORTIAP C225C | | | | |
|---------------------------------|------------------------|----------------------|------------------------|----------------------|
| 802.3af 802.11 a/g | Radio 1 2.4 GHz | | Radio 2 5 GHz | |
| | Average TX Power (dBm) | RX Sensitivity (dBm) | Average TX Power (dBm) | RX Sensitivity (dBm) |
| 6 Mbps | 19 | -92 | 16 | -90 |
| 9 Mbps | 19 | -90 | 16 | -89 |
| 12 Mbps | 19 | -86 | 16 | -88 |
| 18 Mbps | 19 | -84 | 16 | -86 |
| 24 Mbps | 19 | -81 | 16 | -82 |
| 36 Mbps | 19 | -78 | 16 | -78 |
| 48 Mbps | 19 | -74 | 16 | -76 |
| 54 Mbps | 19 | -75 | 16 | -75 |
| 802.11 n HT20 | | | | |
| MCS 0/8 | 15 | -92 | 13 | -90 |
| MCS 1/9 | 15 | -88 | 13 | -89 |
| MCS 2/10 | 15 | -86 | 13 | -85 |
| MCS 3/11 | 15 | -83 | 13 | -82 |
| MCS 4/12 | 15 | -79 | 13 | -79 |
| MCS 5/13 | 15 | -75 | 13 | -74 |
| MCS 6/14 | 16 | -73 | 13 | -73 |
| MCS 7/15 | 15 | -73 | 12 | -72 |
| 802.11 n HT40 | | | | |
| MCS 0/8 | 15 | -88 | 13 | -87 |
| MCS 1/9 | 15 | -83 | 13 | -86 |
| MCS 2/10 | 15 | -81 | 13 | -82 |
| MCS 3/11 | 15 | -78 | 13 | -79 |
| MCS 4/12 | 15 | -76 | 13 | -75 |
| MCS 5/13 | 15 | -71 | 13 | -71 |
| MCS 6/14 | 15 | -70 | 13 | -70 |
| MCS 7/15 | 15 | -68 | 13 | -69 |
| 802.11 ac VHT20 | | | | |
| MCS 0 | | | 12 | -90 |
| MCS 1 | | | 12 | -88 |
| MCS 2 | | | 12 | -86 |
| MCS 3 | | | 12 | -82 |
| MCS 4 | | | 12 | -79 |
| MCS 5 | | | 12 | -75 |
| MCS 6 | | | 11 | -73 |
| MCS 7 | | | 12 | -72 |
| MCS 8 | | | 11 | -66 |
| 802.11 ac VHT40 | | | | |
| MCS 0 | | | 12 | -87 |
| MCS 1 | | | 12 | -85 |
| MCS 2 | | | 12 | -82 |
| MCS 3 | | | 12 | -79 |
| MCS 4 | | | 12 | -75 |
| MCS 5 | | | 12 | -71 |
| MCS 6 | | | 12 | -70 |
| MCS 7 | | | 12 | -69 |
| MCS 8 | | | 12 | -63 |
| MCS 9 | | | 11 | -60 |
| 802.11 ac VHT80 | | | | |
| MCS 0 | | | 12 | -83 |
| MCS 1 | | | 12 | -82 |
| MCS 2 | | | 11 | -78 |
| MCS 3 | | | 11 | -75 |
| MCS 4 | | | 12 | -73 |
| MCS 5 | | | 12 | -67 |
| MCS 6 | | | 12 | -66 |
| MCS 7 | | | 12 | -64 |
| MCS 8 | | | 12 | -60 |
| MCS 9 | | | 12 | -57 |

FAP-C220C/C225C, antenna gain not included (4dB/5dB int/ext 2.4 GHz/5 GHz antenna)


HIGHLIGHTS

FortiAP C23JD

The FAP-C23JD is a cost-effective in-room high-speed WiFi service over existing in-room telephone lines access point, suitable for hotel and dorm rooms. This access point can be installed in minutes, right over the existing wall plate.



 **802.11n | Single Radio 2.4 GHz | 2 Internal Antennas**

 **Up to 300 Mbps**

SPECIFICATIONS

| FORTIAP C23JD | |
|--|---|
| Hardware | |
| Hardware Type | Indoor Wall Plate AP |
| Number of Radios | 1 |
| Number of Antennas | 2 Internal |
| Peak Antenna Gain | 2 dBi for 2.4 GHz |
| Frequency Bands (GHz) * | 2.400–2.4835 |
| Frequency of Radio 1 | 2.4 GHz 802.11b/g/n (2x2:2 stream) 20/40 MHz |
| Frequency of Radio 2 | N/A |
| Maximum Data Rate | 300 Mbps (2.4 G) |
| Ethernet Ports | 3x FE RJ45 (1x 802.3af/at PoE back, 2 front) |
| USB Port | N/A |
| Serial Console Port | N/A |
| Power over Ethernet (PoE) | 1x PoE RJ45 port If powered by 802.3af (15.4 W) Max PSE Output = 4 W If powered by 802.3at (25.5 W) Max PSE Output = 15.4 W |
| Simultaneous SSIDs | 4 (can be expanded to 8 later by SW) |
| EAP Type(s) | EAP-TLS, EAP-TTLS/MSCHAPv2, EAP/VO/EAP-MSCHAPv2, PEARv1/EAP-GTC EAP-SIM, EAP-AKA, EAP-FAST |
| User/Device Authentication | WPA™ and WPA2™ with 802.1x or Preshared key, WEP and Web Captive Portal |
| Support Local-Authentication SSID using Open or WPA2-Personal Security | Yes |
| Support 64-digit Hexadecimal Passphrase for WPA2-Personal Security | Yes |
| Support Captive-portal SSID | Yes |
| Support Local-Standalone SSID when Managed by FortiCloud (in Bridge mode only) | Yes |
| Maximum Tx Power | 20 dB |
| Physical Security | No |
| IEEE Standards | 802.11b/g/n |
| FortiPresence Capable | No |
| Wireless Mesh Capable | No |
| Management Systems | FortiGate or FortiCloud |
| SSID Types Supported | Local-Bridge, Tunnel |
| FortiDeploy & FortiCloud Key | Yes |
| Maximum Concurrent Clients per Radio | 12 |
| LED Off Mode | LED covered by front cover |

| FORTIAP C23JD | |
|--|--|
| Advanced 802.11 Features | |
| 802.11n Features | 20 Mhz and 40 Mhz High-Throughput (HT) Support Increased maximum frame transmission by incorporating A-MPDU and A-MSDU Packet Aggregation Conserve power via Dynamic MIMO power save |
| Low-Density Parity Check (LDPC) Encoding | Yes |
| Maximum Ratio Combining (MRC) | Yes |
| A-MPDU and A-MSDU Packet Aggregation | Yes |
| MIMO Power Save | Yes |
| Short Guard Interval | Yes |
| WME Multimedia Extensions | Yes |
| Dimensions | |
| Length x Width x Height | 3.4 x 3.4 x 1.38 inches (86 x 86 x 35 mm) |
| Weight | 1.02 lb (0.46 kg) |
| Package (shipping) Weight | 1.3 lb (0.6 kg) |
| Mounting Options | Wall |
| Included Accessories | None |
| Environment | |
| Power Supply | PoE 802.3af (15.4 W) |
| Maximum FAP Power Consumption with 802.3af PoE | 5 W |
| Humidity | 10–90% non-condensing |
| Operating Temperature | 32–122°F (0–50°C) |
| Storage Temperature | -40–158°F (-40–70°C) |
| Mean Time Between Failures | >10 Years |
| IP Rating | N/A |
| Certifications | |
| CCC (China) | Yes |
| SRRC (China) | Yes |
| Warranty | |
| Limited Lifetime Warranty | Yes |

* Frequency selection and power may be restricted to abide by regional regulatory compliance laws.

RF RX/TX PERFORMANCE TABLE

| FORTIAP C23JD | | | |
|----------------------|---|--------------------|---|
| | | Radio 1 2.4 GHz | |
| 802.11 a/b/g | Mamimum TX Power per Transmit Chain (dBm) | | RX Sensitivity (dBm) per Receiver Chain |
| 6 Mbps | 20 | | -92 |
| 9 Mbps | 20 | | -92 |
| 12 Mbps | 20 | | -90 |
| 18 Mbps | 20 | | -88 |
| 24 Mbps | 20 | | -87 |
| 36 Mbps | 20 | | -82 |
| 48 Mbps | 19 | | -77 |
| 54 Mbps | 17 | | -76 |
| 802.11 HT20 | | | |
| MSC 0/8/16 (BPSK) | 19 | | -91 |
| MSC 1/9/17 (QPSK) | 19 | | -89 |
| MSC 2/10/18 (QPSK) | 19 | | -86 |
| MSC 3/11/19 (16-QAM) | 19 | | -84 |
| MSC 4/12/20 (16-QAM) | 19 | | -78 |
| MSC 5/13/21 (64-QAM) | 18 | | -73 |
| MSC 6/14/22 (64-QAM) | 17 | | -72 |
| MSC 7/15/23 (64-QAM) | 16 | | -72 |
| 802.11 HT40 | | | |
| MSC 0/8/16 (BPSK) | 19 | | -89 |
| MSC 1/9/17 (QPSK) | 19 | | -87 |
| MSC 2/10/18 (QPSK) | 19 | | -84 |
| MSC 3/11/19 (16-QAM) | 18 | | -82 |
| MSC 4/12/20 (16-QAM) | 18 | | -77 |
| MSC 5/13/21 (64-QAM) | 18 | | -72 |
| MSC 6/14/22 (64-QAM) | 17 | | -71 |
| MSC 7/15/23 (64-QAM) | 17 | | -70 |

Maximum capability of the Hardware provided (Excluding antenna gain)

HIGHLIGHTS

FortiAP C24JE

The FAP-C24JE is a performance/price competitive 2.4 GHz/5 GHz concurrent MU-MIMO wall plate AP with support of PoE IP phone and RJ45 pass-through. This access point can be installed in minutes, right over the existing wall plate.

 **802.11 ac Wave 2 | Dual Radio 2.4 & 5 GHz | 4 Internal Antennas**

 **Up to 300 + 867 Mbps**



SPECIFICATIONS

| FORTIAP C24JE | |
|--|--|
| Hardware | |
| Hardware Type | Indoor Wall Plate AP |
| Number of Radios | 2 |
| Number of Antennas | 4 Internal |
| Peak Antenna Gain | 1.5 dBi for 2.4 GHz, 2 dBi for 5 GHz |
| Frequency Bands (GHz) * | 2.400–2.4835, 5.150–5.250, 5.250–5.350, 5.470–5.725, 5.725–5.850 |
| Frequency of Radio 1 | 2.4 GHz b/g/n (2x2:2 stream) RTL8197F (embedded in SoC) 20/40 Mhz (256 QAM) |
| Frequency of Radio 2 | 5 GHz a/n/ac (2x2:2 stream) RTL8812BR 20/40/80/160 MHz (256 QAM) MU-MIMO 2 simultaneous devices |
| Maximum Data Rate | Radio 1: up to 300 Mbps, Radio 2: up to 867 Mbps |
| Interfaces | 1x GE WAN/POE Uplink 2x RJ45 GE, 1x RJ45 GE/POE-PS (for IP phone) 1x RJ45 pass-thru |
| Serial Console Port | 1x RJ45 RS232 |
| Power over Ethernet (PoE) | Input Power — 802.3af (15.4 W) on GE WAN port Output Power — Maximum 4 W on GE/POE-PS port |
| Simultaneous SSIDs | 16 capable |
| EAP Type(s) | EAP-TLS, EAP-TTLS/MSCHAPv2, EAPV0/EAP-MSCHAPv2, PEAPv1/EAP-GTC EAP-SIM, EAP-AKA, EAP-FAST |
| User/Device Authentication | WPA™ and WPA2™ with 802.1x or Preshared key, WEP and Web Captive Portal, MAC blacklist & whitelist |
| Support Local-Authentication SSID using Open or WPA2-Personal Security | Yes |
| Support 64-digit Hexadecimal Passphrase for WPA2-Personal Security | Yes |
| Support Captive-portal SSID | Yes |
| Support Local-Standalone SSID when Managed by FortiCloud (in Bridge mode only) | Yes |
| Maximum Tx Power | 20 dBm (100 mW)* |
| Physical Security | No |
| IEEE Standards | 802.11a, 802.11b, 802.11d, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11n, 802.1x, 802.3af, 802.11ac, 802.3at, 802.3az |
| FortiPresence Capable | No |
| Wireless Mesh Capable | No |
| Management Systems | FortiGate or FortiCloud |
| SSID Types Supported | Local-Bridge, Tunnel |
| FortiDeploy & FortiCloud Key | Yes |
| Maximum / Recommended Concurrent Clients per Radio | 64 / 32 |
| LED Off Mode | Yes |

| FORTIAP C24JE | |
|---|--|
| Advanced 802.11 Features | |
| 802.11ac Wave 2 MU-MIMO | Yes |
| Transmit Beam Forming (TxBF) | Yes |
| Low-Density Parity Check (LDPC) Encoding | Yes |
| Maximum Ratio Combining (MRC) | Yes |
| A-MPDU and A-MSDU Packet Aggregation | Yes |
| MIMO Power Save | Yes |
| Short Guard Interval | Yes |
| Wireless Monitoring Capabilities | |
| Frequencies scanned | 2.4 and 5 GHz |
| Background scan with client access on 2.4 and 5 GHz | Yes |
| Full-time scan as dedicated monitor | Yes |
| Full-time scan with client access | Yes |
| Packet sniffer mode | Yes |
| Spectrum analyzer | Yes – Power density scan |
| Dimensions | |
| Length x Width x Height | 6.69 x 4.04 x 1.08 inches (AP size) 170 x 102.5 x 27.5 mm (AP size) |
| Weight | 1.3 lb (0.6 kg) |
| Package (shipping) Weight | 1.6 lb (0.74 kg) |
| Mounting Options | Wall |
| Included Accessories | Wall mount bracket |
| Environment | |
| Power Supply | PoE 802.3af (15.4 W) Option: 12V/2A AC adapter (not provided) |
| Humidity | 5–90% non condensing |
| Operating Temperature | 32–104°F (0–40°C) |
| Storage Temperature | –4–158°F (-20–70°C) |
| UL2043 Plenum Material | No |
| Mean Time Between Failures | >10 Years |
| IP Rating | N/A |
| Certifications | |
| SRRC (China) | Yes |
| Warranty | |
| Limited Lifetime Warranty | Yes |

* Frequency selection and power may be restricted to abide by regional regulatory compliance laws.

RF RX/TX PERFORMANCE TABLE

| FORTIAP C24JE | | | | |
|-----------------------|--|--|--|--|
| 802.11 a/g | Radio 1 2.4 GHz | | Radio 2 5 GHz | |
| | Maximum TX Power per Transmit Chain (dBm) | RX Sensitivity (dBm) per Receiver Chain | Maximum TX Power per Transmit Chain (dBm) | RX Sensitivity (dBm) per Receiver Chain |
| 6 Mbps | 21 | -91 | 21 | -91 |
| 9 Mbps | 20 | -89 | 20 | -89 |
| 12 Mbps | 20 | -87 | 20 | -87 |
| 18 Mbps | 20 | -85 | 19 | -84 |
| 24 Mbps | 19 | -82 | 19 | -80 |
| 36 Mbps | 19 | -76 | 19 | -76 |
| 48 Mbps | 18 | -75 | 18 | -74 |
| 54 Mbps | 17 | -74 | 18 | -73 |
| 802.11 HT20 | | | | |
| MSC 0/8/16 (BPSK) | 20 | -90 | 19 | -91 |
| MSC 1/9/17 (QPSK) | 19 | -88 | 18 | -88 |
| MSC 2/10/18 (QPSK) | 19 | -85 | 18 | -84 |
| MSC 3/11/19 (16-QAM) | 19 | -83 | 17 | -80 |
| MSC 4/12/20 (16-QAM) | 19 | -76 | 17 | -76 |
| MSC 5/13/21 (64-QAM) | 18 | -72 | 17 | -73 |
| MSC 6/14/22 (64-QAM) | 17 | -72 | 16 | -71 |
| MSC 7/15/23 (64-QAM) | 16 | -71 | 16 | -70 |
| 802.11 HT40 | | | | |
| MSC 0/8/16 (BPSK) | 20 | -89 | 19 | -87 |
| MSC 1/9/17 (QPSK) | 19 | -87 | 18 | -84 |
| MSC 2/10/18 (QPSK) | 19 | -84 | 18 | -81 |
| MSC 3/11/19 (16-QAM) | 19 | -82 | 18 | -78 |
| MSC 4/12/20 (16-QAM) | 18 | -77 | 17 | -75 |
| MSC 5/13/21 (64-QAM) | 18 | -72 | 17 | -72 |
| MSC 6/14/22 (64-QAM) | 17 | -71 | 17 | -70 |
| MSC 7/15/23 (64-QAM) | 17 | -70 | 17 | -68 |
| MSC 8/16/24 (256-QAM) | 16 | -69 | 16 | -66 |
| MSC 9/17/25 (256-QAM) | 16 | -69 | 16 | -64 |
| 802.11 HT80 | | | | |
| MSC 0 (BPSK) | | | 19 | -85 |
| MSC 1 (QPSK) | | | 18 | -82 |
| MSC 2 (QPSK) | | | 18 | -80 |
| MSC 3 (16-QAM) | | | 18 | -77 |
| MSC 4 (16-QAM) | | | 17 | -75 |
| MSC 5 (64-QAM) | | | 17 | -74 |
| MSC 6 (64-QAM) | | | 17 | -72 |
| MSC 7 (64-QAM) | | | 17 | -69 |
| MSC 8 (256-QAM) | | | 16 | -65 |
| MSC 9 (256-QAM) | | | 16 | -61 |

Maximum capability of the Hardware provided (Excluding antenna gain)

ORDER INFORMATION

| Product | SKU | Description |
|----------------------|-----------------------|---|
| FortiAP C220C | FAP-C220C-A | Indoor Basic Cloud-Managed Wireless AP — 2x GE RJ45 LAN ports (one for PoE and network traffic and the other for troubleshooting and monitoring), dual radio with internal antennas (802.11 a/n/ac and 802.11 b/g/n, 2x2 MIMO), ceiling/wall mount kit included, power adapter not included. Does not support bridging. Includes FortiCloud AP Management License and Limited Lifetime Warranty. For Gigabit PoE injector order: GPI-115. |
| | FC-10-P220C-311-02-DD | 8x5 FortiCare Contract |
| | FC-10-P220C-247-02-DD | 24x7 FortiCare Contract |
| FortiAP C225C | FAP-C225C-A | Indoor Basic Cloud-Managed Wireless AP — 2x GE RJ45 LAN ports (one for PoE and network traffic and the other for troubleshooting and monitoring), dual radio with external antennas (802.11 a/n/ac and 802.11 b/g/n, 2x2 MIMO), ceiling/wall mount kit included, power adapter not included. Does not support bridging. Includes FortiCloud AP Management License and Limited Lifetime Warranty. For Gigabit PoE injector order: GPI-115. |
| | FC-10-P225C-311-02-DD | 8x5 FortiCare Contract |
| | FC-10-P225C-247-02-DD | 24x7 FortiCare Contract |
| FortiAP C23JD * | FAP-C23JD-A | FAP-C23JD is a compact single radio 2x2 MIMO 802.11n 2.4 GHz Wall Jack AP for use with FortiCloud. 3x 10/100 (1x 802.3af PoE back, 2 front) and pass-through pair. |
| | FC-10-AP023-311-02-DD | 8x5 FortiCare Contract |
| | FC-10-AP023-247-02-DD | 24x7 FortiCare Contract |
| FortiAP C24JE | FAP-C24JE | FAP-C24JE is a performance/price competitive 2.4 GHz/5 GHz concurrent MU-MIMO wall plate AP with support of PoE IP phone and RJ45 pass-through. Total WiFi speed is 1167 Mbps (300 Mbps/2.4 GHz + 867 Mbps/5 GHz). |
| | FC-10-PC24E-311-02-DD | 8x5 FortiCare Contract |
| | FC-10-PC24E-247-02-DD | 24x7 FortiCare Contract |
| Optional Accessories | | |
| Gigabit PoE Injector | GPI-115 | 1-Port Gigabit PoE Power Injector, 802.3af 15.4 Watts 10/100/1000. |

| REGION/COUNTRY SKU SUFFIX | | | | | | | |
|---------------------------|--------|-----------|-------------|-----------|-------------------|------------|-------|
| Americas-FFC | China | India | Europe ETSI | Indonesia | International | Japan | Korea |
| -A | -C | -D | -E | -F | -I | -J | -K |
| Non-FFCA | Russia | Singapore | Taiwan | Ukraine | Vietnam, Thailand | World 2.4G | Egypt |
| -N | -P | -S | -T | -U | -V | -W | -Y |

* Only available for '-S' suffix.



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