

CRADLEPOINT SOLUTION COMPARISON



| | Branch NetCloud Solution with AER2200 | Branch NetCloud Solution with AER1600/50 | Branch NetCloud Solution with ARC CBA850 | Branch NetCloud Solution with AP22 | Branch NetCloud Solution with CR4250 |
|--|--|---|---|---|---|
| Solution Comparison | | | | | |
| Solution package inclusions | AER2200 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | AER1600/50 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | ARCBA850 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | AP22 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | CR4250 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty |
| Applications designed for | Augmented WAN, Pop-up network, Failover, Primary connectivity | Pop-up network, Failover, Primary connectivity, Parallel network | Failover | Extending WiFi access in branch (works with AER series) | High performance fiber connectivity for mid-sized branches |
| Hardware Comparison | | | | | |
| Connectivity | LTE-A (600 Mbps) / 3G fallback | LTE-A (300 Mbps) / 3G fallback | LTE-A (300 Mbps) / 3G fallback | N/A | Fiber (SFP+) |
| WiFi | External antennas, 4x4 MU-MIMO 802.11ac Wave 2 | Internal antennas, 2x2 MIMO 802.11ac (only on AER1600) | No | Internal antennas, 2x2 MU-MIMO dual band 802.11ac Wave 2, plus 3 rd 1x1 radio for RF/WIPS scanning | No |
| Multi WAN | Yes | Yes | N/A | N/A | N/A |
| GPS | Yes | Yes | Yes | No | No |
| Housing | Metal, rack mountable | Industrial plastic, non-rack mountable | White plastic, locking compatible. Wall, desk, or DIN mountable | White plastic. Wall and ceiling mountable | Metal, rack mountable |
| Dual modem | 1x embedded, 1x integrated (optional) | 1x embedded, 1x integrated (optional) | 1x integrated | N/A | N/A |
| SIM slots | 2 (up to 4 with optional dual modem) | 2 (up to 4 with optional dual modem) | 2 | N/A | N/A |
| Port/s | 10x GigE (up to 4 PoE), 1x Console, 1x USB 2.0 | 5x GigE, 1x USB 2.0 | 1x GigE (PoE), 1x 10/100 Ethernet, 1x Console, 1x USB 2.0 | 1 x GigE, 1x USB 2.0 | 8x GigE (up to 8 PoE with PoE SKU), 2x SFP+, 2x USB 2.0, 1x USB 3.0, 1x Console |
| Key Certifications (see spec sheets for full listing) | FCC, WiFi Alliance, CE, IC | FCC, WiFi Alliance, CE, IC | FCC, CE, IC, UL/CUL, CB Scheme, WEEE, RoHS, RoHS-2 | PTCRB, FCC, IC, WFA, ETSI, UL/CUL, WEEE, RoHS, RoHS-2 | FCC, CE, IC |
| Op. temp. | 0°C to 50°C | 0°C to 50°C | 0°C to 50°C | -10 °C to 50 °C | 0°C to 40°C |
| Dimensions | 185 × 210 × 44 mm | 210 × 167 × 44 mm | 122 × 122 × 42 mm | 165 x 165 x 46mm | 335 x 210 x 45mm |

CRADLEPOINT SOLUTION COMPARISON



Mobility NetCloud Solution with COR IBR1700

Mobility NetCloud Solution with COR IBR900

IoT NetCloud Solution with COR IBR600C

| Solution Comparison | | | |
|--|--|---|--|
| Solution package inclusions | COR IBR1700 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | COR IBR900 hardware, NetCloud Manager Prime (optional upgrade to Enterprise), NetCloud Perimeter, Support and Limited Lifetime Warranty | COR IBR600C hardware, NetCloud Manager Standard (optional upgrade to Prime), NetCloud Perimeter, Support and Limited Lifetime Warranty |
| Applications designed for | Mission-critical fleet management for EMS mobile command centres, public/mass transport and fleets | In-vehicle networking for EMS, private transport (e.g. taxi), and service vehicles (e.g. utilities) | Primary connectivity / Parallel network for IoT, e.g. CCTV cameras, Digital signage, basic in-vehicle networking |
| Hardware Comparison | | | |
| Connectivity | LTE-A (600 Mbps) / 3G fallback | LTE-A (600 Mbps) / 3G fallback | LTE (150 Mbps) / 3G fallback |
| WiFi | External antennas, 3x3 MU-MIMO dual band 802.11ac Wave 2 | External antennas, 2x2 MU-MIMO dual band 802.11ac Wave 2 | External antennas, 2x2 MIMO 802.11n |
| Multi WAN | Yes | Yes | Yes |
| GPS | Yes | Yes | Yes |
| Housing | Metal, ruggedised, rack mountable | Metal, ruggedised, includes integrated mounting plate | Metal, ruggedised, includes integrated mounting plate |
| Dual modem | 1x embedded, 1x integrated (optional) | 1x embedded. Dual-modem capable with optional COR Extensibility Dock | 1x embedded. Dual-modem capable with optional COR Extensibility Dock |
| SIM slots | 2 (up to 4 with optional dual modem) | 2 (4 with Extensibility Dock) | 2 |
| Port/s | 5x GigE, 1x USB 2.0, 20pin GPIO connector (plus 2-wire GPIO on power cable) | 2x GigE, 1x Console, 1x USB 2.0, 2-wire GPIO (optional 9-wire GPIO with power cable or 20pin connector with COR Extensibility Dock) | 2x 10/100 Ethernet, 1x Console, 1x USB 2.0, 2-wire GPIO (optional 9-wire GPIO with power cable or 20pin connector with COR Extensibility Dock) |
| Key Certifications (see spec sheets for full listing) | FCC, CE, IC, WiFi Alliance, UL/CUL, CB Scheme, EN60950-1, MIL STD 810G, SAEJ1455, IP64, WEEE, RoHS, RoHS-2 | FCC, CE, IC, WiFi Alliance, UL/CUL, CB Scheme, EN60950-1, MIL STD 810G, SAEJ1455, IP54, WEEE, RoHS, RoHS-2 | FCC, IC, CE, WiFi Alliance, UL/CUL, CB Scheme, EN60950-1, MIL STD 810G and SAEJ1455, WEEE, RoHS, RoHS-2 |
| Op. temp. | -30 °C to 70 °C | -30 °C to 70 °C | -20 °C to 60 °C |
| Dimensions | 224.3 × 190 × 44 mm | 118 × 113.5 × 29.3 mm | 118 × 113.5 × 29.3 mm |