

BX-C210 Series

*Embedded Fan-less System
with Intel® Celeron® Apollo Lake Platform*



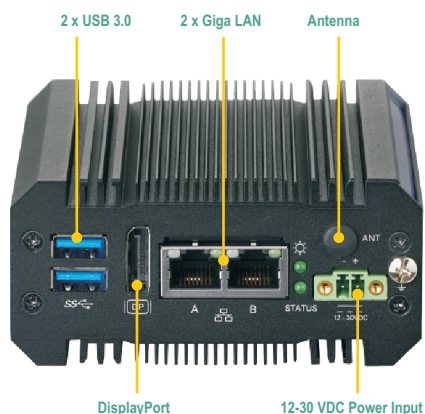
BX-C210-G



BX-C211-G



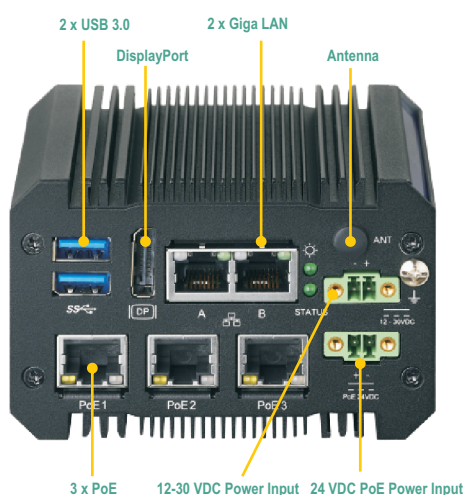
BX-C212-G



BX-C210-G

Features

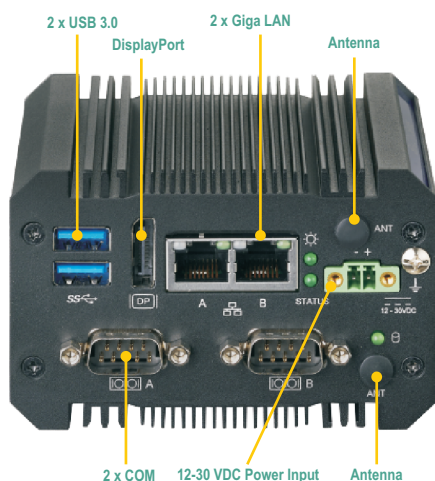
- Palm-sized small form factor
- 12-30 VDC $\pm 20\%$ wide voltage power input
- 64GB onboard eMMC 5.0 storage
- Fanless and Cableless design reduce maintenance work
- Rich I/O Combination to fulfill customers in various needs



BX-C211-G

Features

- Palm-sized small form factor
- 12-30 VDC $\pm 20\%$ wide voltage power input
- 64GB onboard eMMC 5.0 storage
- Fanless and Cableless design reduce maintenance work
- Extra 3 x PoE port for customers with Camera or Wireless needs



BX-C212-G

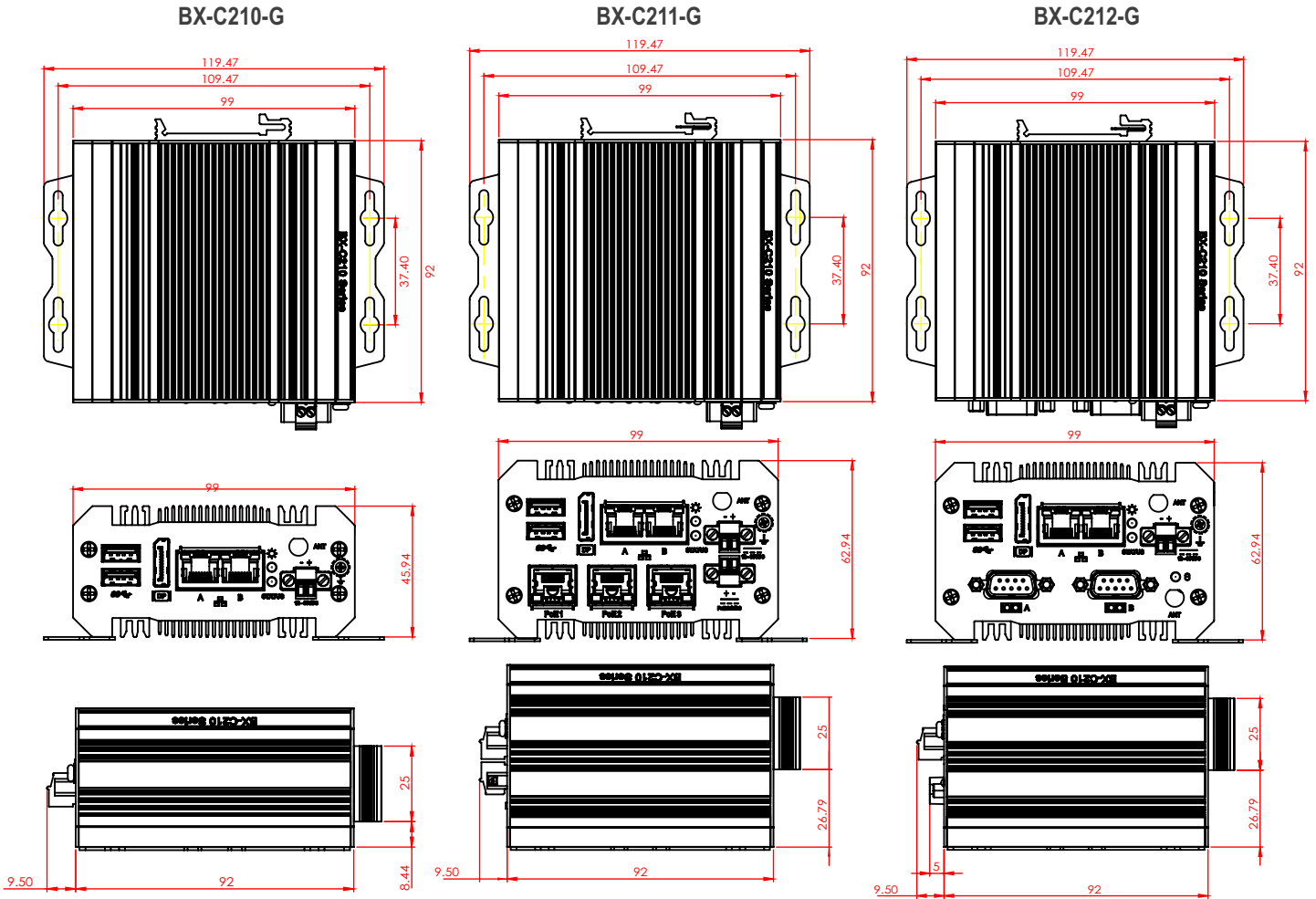
Features

- Palm-sized small form factor
- 12-30 VDC $\pm 20\%$ wide voltage power input
- 64GB onboard eMMC 5.0 storage
- Fanless and Cableless design reduce maintenance work
- Additional 2 x COM and expansion slots for different solutions

BX-C210 Series

Optional Configuration

- 8GB onboard LPDDR4-2133 memory
- 60W Power Adapter, 24V/ 2.5A
- Windows® 10 IoT Enterprise LTSC 2016 64 bit
- Windows® 10 IoT Enterprise LTSC 2019 64 bit
- DisplayPort To VGA Adapter.150mm
- DisplayPort to DVI-D Adapter.150mm
- Wall mount bracket
- DIN Rail bracket



| Specifications | | BX-C210-G | BX-C211-G | BX-C212-G |
|------------------------|-------------------------------|--|--|---|
| Specifications | CPU | Intel® Celeron® N3350, 2 cores, 1.1GHz/2.4 GHz, 6W TDP | | |
| | Mass Storage | 64GB onboard eMMC 5.0 flash | | |
| | Memory | 4GB onboard LPDDR4 w/ 2133MHz, up to 8GB | | |
| | Power Input | 12-30VDC ± 20% | | |
| | OS support | Windows® 10 IoT Enterprise LTSC 2016 (64-bit) & Windows® 10 IoT Enterprise LTSC 2019 (64-bit) | | |
| Expansion | 1 x M.2 Key E 2230 (PCIe+USB) | | | |
| Basic I/O Interface | Power Connection | 1 x 2-pin screw-type terminal block | | |
| | Ethernet | 2 x 100/1000 GbE (Intel® i210) | | |
| | USB | 2 x USB 3.0 | | |
| | Display | 1 x DP v1.4 1920 x 1080 @ 60Hz | | |
| Environment | Operating Temperature | 0 °C ~ 50 °C @ 5~85% RH with 0.5m/s airflow | | |
| | Storage Temperature | -40 °C ~ 85 °C | | |
| | Vibration | Wall mount - MIL-STD-810G 514.7C-V Category-4 Din Rail - 1G (DIN EN 60068-2-6) | | |
| | Shock | Wall mount - 40G (EN 60068-2-27) Din Rail - 15G (EN 60068-2-27) | | |
| | Operation Altitude | 2000m | | |
| | Certification | CE, FCC (EN55024, EN55032) CE (EN 61000-6-4, Class A, EN 61000-6-2, IEC 61131-2) FCC (CFR Title 47 Part15 Subpart B: 2018 Class A) | | |
| Mechanical | Degree of Protection | IP30 (Not certified by UL) | | |
| | Mounting | Support DIN Rail and Wall mounting | | |
| | Cooling | Fanless | | |
| | Dimension (L x H x W) mm | 99 x 46 x 92 | | 99 x 63 x 92 |
| Net Weight (kg) | 0.55 | | 0.65 | |
| Extended I/O Interface | Additional Power Input (PoE) | N/A | Max Current Consumption 24VDC (1.5A) | N/A |
| | PoE | N/A | 3 x 802.3af PoE GbE, Power total 31W (10W 3 port each; 15.4W 2 port each) | N/A |
| | COM | N/A | N/A | 1 x RS-232 + 1 x RS-232/422/485 (BIOS Configurable) |
| | Expansion Slot | N/A | N/A | 1 x M.2 Key B 2242 (SATA+USB) 1 x Mini-PCIe (PCIe+USB) |

| BX-C210 Series Ordering Guide | |
|-------------------------------|---|
| ● BX-C210-G203E05 | Base model with Intel® Celeron® N3350, 4GB LPDDR4-2133, 64GB eMMC |
| ● BX-C211-G203E05 | PoE model with Intel® Celeron® N3350, 4GB LPDDR4-2133, 64GB eMMC |
| ● BX-C212-G203E05 | COM model with Intel® Celeron® N3350, 4GB LPDDR4-2133, 64GB eMMC |