

BX-C210 Series

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



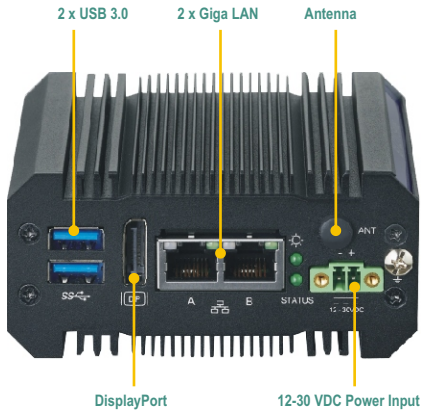
BX-C210-G



BX-C211-G



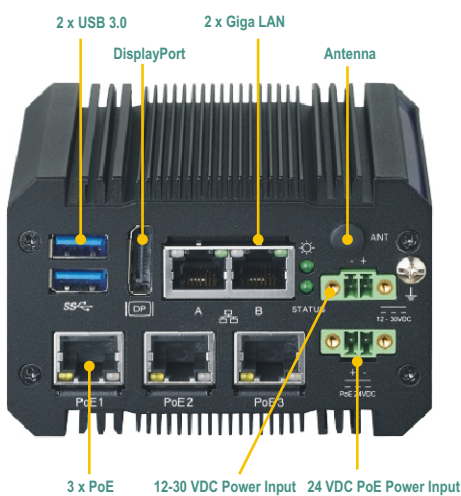
BX-C212-G



BX-C210-G

Features

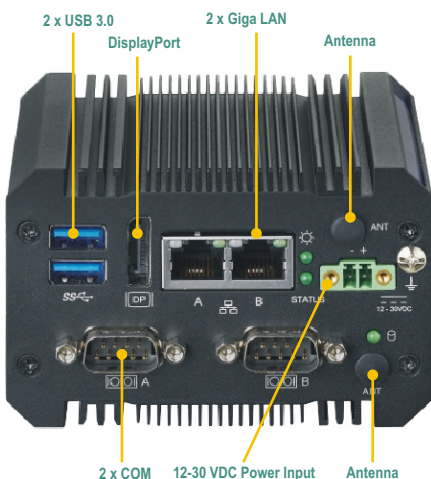
- Palm-sized small form factor
- 12-30 VDC $\pm 20\%$ wide voltage power input
- 64GB onboard eMMC 5.0 storage
- Fanless and Cableless design reduce maintenance work
- Rich I/O Combination to fulfill customers in various needs



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

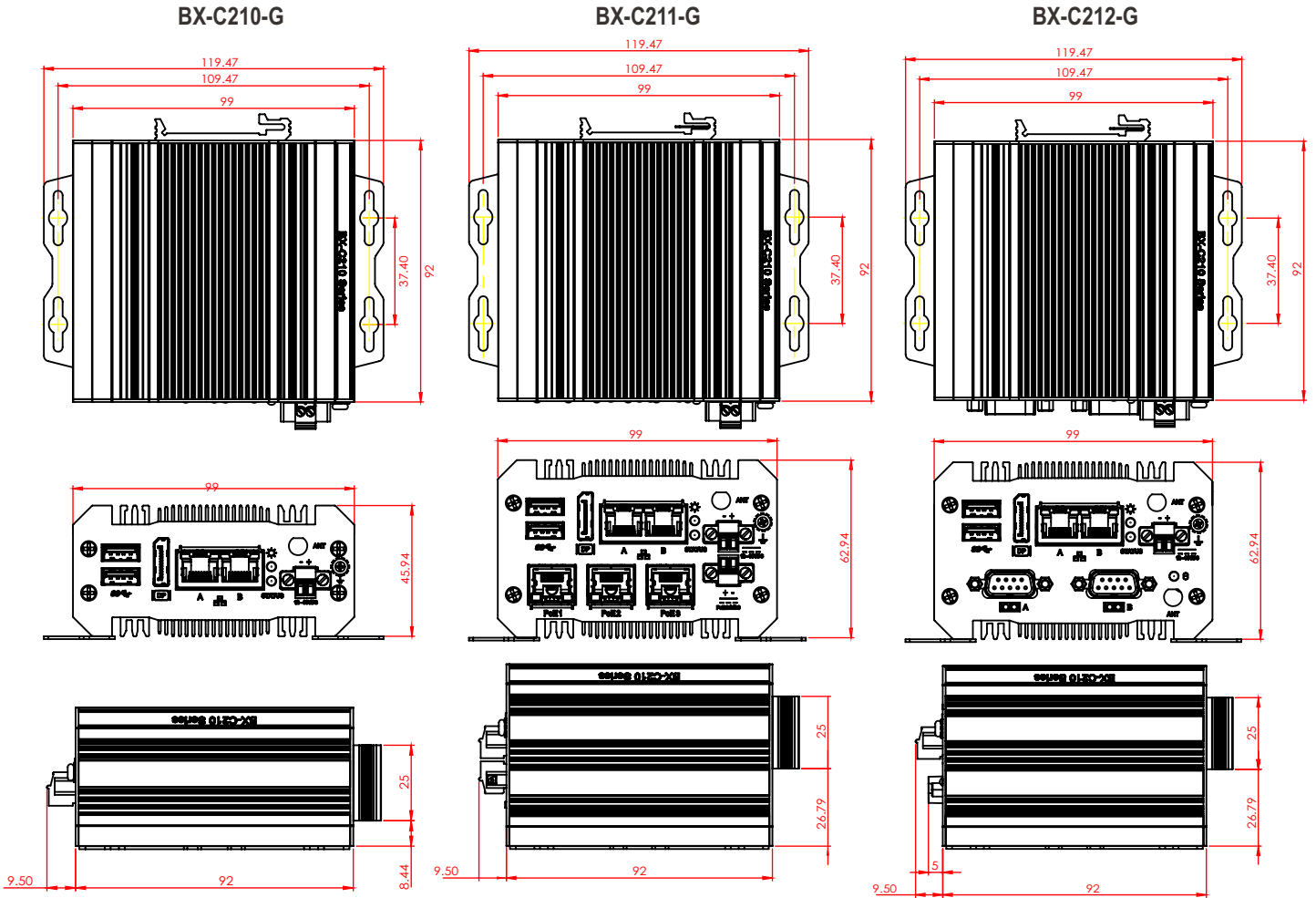
Features

- 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 v1.2 (4,096 x 2,160 @ 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