

LYNX-612B

LYNX-612B is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. It's CANbus can connect to different electronic unit and communicate with each other, 8 bit GPIO pins provide a programmable interface to read the state of a binary input device or control the on/off state of a binary output device, also with 4 LAN support in Palm-Sized dimension, LYNX-612B can easily work as IoT gateway.

Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- Extended I/O interface of 2x Isolation LAN, 1x CANbus, and 1x 8 Channel GPIO
- Heavy Industry EMC standard
- Support customized appearance (Optional)
- Support extended temperature (Optional)

General

Processor	Intel® Celeron® N3350, 2 cores, 1.1GHz/2.4 GHz, 6W TDP
Memory	4GB onboard LPDDR4, 2400 MT/s, non-ECC; up to 8GB (Optional)
Storage	32GB onboard eMMC 5.0 flash; up to 256GB (Optional)
Power Input	12-30VDC (+/- 20%)
Operating System	Windows® 10 IoT (64bit) Yocto v2.7
Expansion	1x M.2 Key E 2230 for wireless module

Basic I/O Interface

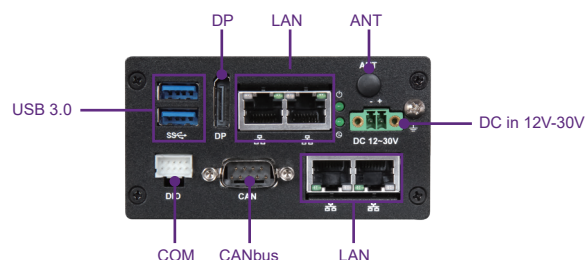
Power Connector	1x 2-Pin Terminal Block
Ethernet	2x 10/100/1000 GbE (Intel® I210)
USB	2x USB 3.0
Display	1x DP v1.4 4096 x 2160 @ 60Hz

Extended I/O Interface

COM/Console	1x CANbus
Ethernet	2 x Gigabyte Ethernet
I/O	8 Channel GPIO
Expansion	1 x M.2 Key B 2242 for storage 1 x full-size Mini-PCIe

Certification

CE (EN 55032; EN 55024/ EN 55035)
CE (EN 61000-6-4; EN 61000-6-2)
FCC (Part 15 Subpart Class B)
LVD (EN 62368-1)



ENVIRONMENT & MECHANICAL

Storage Temperature	-40 °C ~ 85 °C
Operating Temperature	0°C ~ 50°C
Permissible Humidity	5-95% RH operating, non-condensing 5-95% RH storage, non-condensing
Vibration	1G with DIN-rail mounting 5G with wall mounting (IEC/EN 60068-2-6)
Shock	15G with DIN-rail mounting 50G with wall mounting (IEC/EN 60068-2-27)
Degree of Protection	IP 30
Dimension	100mm (W) x 53.5mm (H) x 92 mm (D)
Net Weight	0.53 KG
Mounting	DIN-rail / Wall Mount

Optional Accessories

Power Adaptor	2-pin terminal block connector to DC jack cable 60W AC to DC Power Adaptor via DC jack
Video Adaptor	DP to VGA/ DP to DVI-D

