

LYNX-612D

LYNX-612D is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. Target as PoE gateway with 3 PoE LAN ports, it can easily connect to multi cameras and PoE devices. It's palm-sized dimension can fit in any small space constraints environment. With Microsoft Azure Edge device certification, it's easy to deploy complex event processing, machine learning, image recognition, and other high value AI without writing it in-house.

Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- Extended I/O interface of 3x PoE(*)
- 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 Enterprise (64bit) Yocto v2.7
Expansion	1x M.2 Key E 2230 for wireless module
Other	TPM 2.0 onboard

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

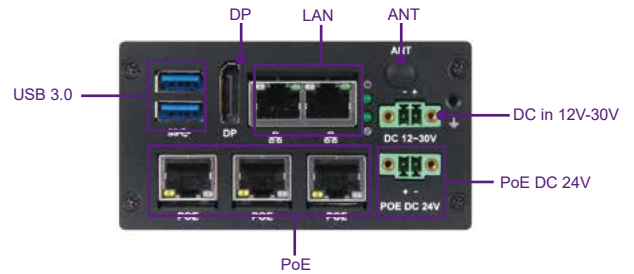
Extended I/O Interface

Power Connector	1 x 2-pin screw-type terminal block (24VDC)
Ethernet/ POE	3 x 802.3af PoE GbE (Power total 31W)10W, 3 port each / 15.4W, 2 port each (*)

Certification

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

Note * PoE provide total 30W @ regular temperature, total 15W @ 50 °C



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) 15G with DIN-rail mounting 50G with wall mounting (IEC/EN 60068-2-27)
Shock	
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

