

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



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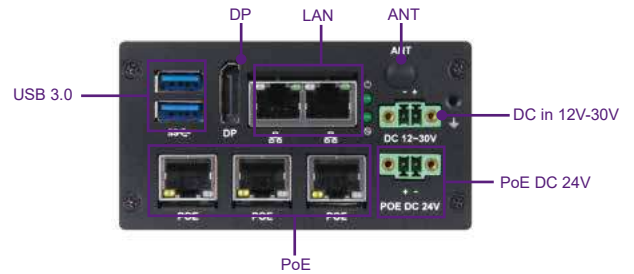


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ENVIRONMENT & MECHANICAL

| | |
|-----------------------|--|
| 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 |