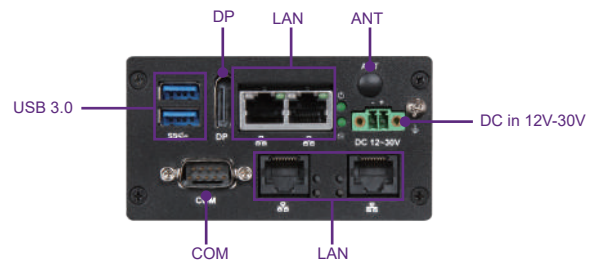


# LYNX-612A

LYNX-612A is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. With 4x LAN(2 isolated LAN) it's easy to connect multi local area network devices in different electric noise environment, legacy RS-232/422/485 also help communicate machine to machine, then collect all edge devices data for analysis, forward analysis result to management center as a edge controller.

## Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- Extended I/O interface of 2x Isolation LAN and 1x RS232/422/485
- 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 RS-232/422/485(BIOS configurable)
Ethernet	2x Gigabyte Ethernet with Isolation

## 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



**Portwell, Inc.** Headquarters  
No. 242, Bo' Ai St., Shu-Lin Dist,  
New Taipei City 238, Taiwan  
Tel: +886-2-7731-8888  
Fax: +886-2-7731-9888  
E-mail: [info@portwell.com.tw](mailto:info@portwell.com.tw)  
<http://www.portwell.com.tw>

**American Portwell**  
(Fremont, CA)  
Tel: +1-510-403-3399  
E-mail: [info@portwell.com](mailto:info@portwell.com)  
<http://www.portwell.com>

**Portwell UK Ltd.**  
Tel: +44-1235-750-760  
E-mail: [info@portwell.eu](mailto:info@portwell.eu)  
<http://www.portwell.eu>

**Portwell Japan, Inc.**  
(Tokyo)  
Tel: +81-3-6902-9225  
E-mail: [info@portwell.co.jp](mailto:info@portwell.co.jp)  
<http://www.portwell.co.jp>

**Portwell Japan, Inc.**  
(Osaka)  
Tel: +81-6-4807-7721  
E-mail: [info@portwell.co.jp](mailto:info@portwell.co.jp)  
<http://www.portwell.co.jp>

**European Portwell**  
Tel: +31-252-620790  
E-mail: [info@portwell.eu](mailto:info@portwell.eu)  
<http://www.portwell.eu>

**Portwell Deutschland GmbH**  
Tel: +49-6103-3008-0  
E-mail: [info@portwell.de](mailto:info@portwell.de)  
<http://www.portwell.de>

**Shanghai Portwell**  
Tel: +86-21-5771-2505  
E-mail: [info@portwell.com.cn](mailto:info@portwell.com.cn)  
<http://www.portwell.com.cn>

**Portwell Korea, Inc.**  
Tel: +82-31-450-3043  
E-mail: [info@portwell.co.kr](mailto:info@portwell.co.kr)  
<http://www.portwell.co.kr>

**Portwell India Technology**  
Tel: +91-80-4168-4255  
E-mail: [enquiry@portwell.in](mailto:enquiry@portwell.in)  
<http://www.portwell.in>