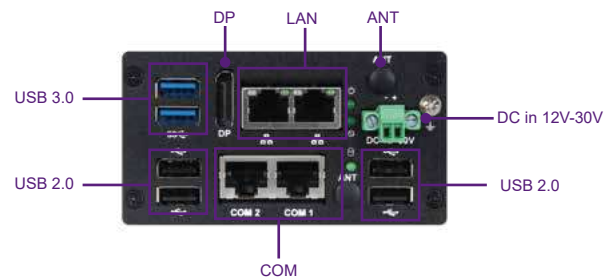


LYNX-612G

LYNX-612G is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. Targeting as an IoT gateway, the small system equips rich communication interfaces for data acquisition and server connection. Besides, reserved M.2 socket enables wireless function for remote controllability and manageability. Last but not least, it supports Universal IoT Connector Standard (UIC) to realize fast and easy cloud connectivity.

Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- Extended I/O interface of 2x RS-232, 4x USB2.0
- 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

COM/ Console	2x RS-232
USB	4x USB 2.0
Expansion	1x M.2 Key B 2242 for storage 1x 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
Console Adaptor	RJ45 to Console cable 1.8 M



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