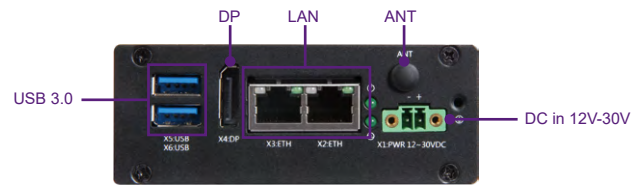


LYNX-6110

LYNX-6110 is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. Developed to meet heavy industrial standards, the rugged design makes sure its reliability as well as stability to work in harsh environment. By providing basic I/O interfaces in a palm-sized box, the system is suitable for industrial automation, smart factory, edge computing, and IIoT gateway applications.

Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- 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

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

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)

ENVIRONMENTAL & 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 (EN 60068-2-6) 15G with 11 ms impulse length, 18 shocks in total (EN 60068-2-27)
Shock	
Degree of Protection	IP 30
Dimension	100mm (L) x 40mm (W) x 92 mm (D)
Net Weight	0.42 KG

Optional Accessories

Power Adaptor	60W, 24V/2.5A, 2-pin Connector
Mounting Kit	DIN-rail / Wall Mount
Video Adaptor	DP to VGA/ DP to DVI



Portwell, Inc. (Fremont, CA)
No. 242, Bo'AI St., Shu-Lin Dist.
New Taipei City 238, Taiwan
Tel: +886-2-77318888
Fax: +886-2-77319888
E-mail: info@portwell.com.tw
http://www.portwell.com.tw

American Portwell (Brazil)
Tel: +1-510-403-3399
Tel: +1-510-403-3184
Fax: +1-510-403-3184
E-mail: info@portwell.com
http://www.portwell.com

Portwell Latin America (Brazil)
Tel: +55-41-3121-7200
Tel: +55-41-3121-7201
E-mail: vendas@portwell.com.br
http://www.portwell.com.br

European Portwell (Germany)
Tel: +31-252-620790
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Deutschland GmbH (Germany)
Tel: +49-6103-3008-0
Tel: +49-6103-3008-199
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
http://www.portwell.de

Portwell UK Ltd. (China)
Tel: +44-1235-750760
Fax: +44-1235-750761
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Japan, Inc. (Japan)
Tel: +81-6-4807-7721
Tel: +81-6-4807-7720
Fax: +81-6-4807-7720
E-mail: info@portwell.co.jp
http://www.portwell.co.jp

Portwell Korea, Inc. (Korea)
Tel: +82-31-450-3043
Tel: +82-31-450-3044
Fax: +82-31-450-3044
E-mail: info@portwell.co.kr
http://www.portwell.co.kr

Portwell India Technology (India)
Tel: +91-80-4078-2700
Tel: +91-80-4078-2700
Fax: +91-80-4078-2700
E-mail: info@portwell.in
http://www.portwell.in

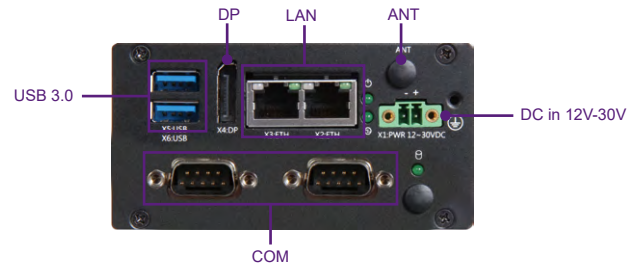
Shanghai Portwell Technology (China)
Tel: +86-21-5771-2565
Tel: +86-21-5771-2565
Fax: +86-21-5772-2985
E-mail: info@portwell.com.cn
http://www.portwell.com.cn

LYNX-612E

LYNX-612E is a compact, fan-less and cable-less PC adapting low power Intel® Apollo Lake processor. With small dimension, DIN-rail mounting and wide voltage DC input, it can easily fit in industrial environment. Legacy RS-232 and RS-232/422/485 help communicate machines to machines; in the meantime, real-time data collected from manufacturing line will be sent to edge and cloud, which benefit factories to make optimal decisions.

Key Features

- Intel® Celeron® Processor
- Support 2x LAN and 1x M.2 for wireless module
- Extended I/O interface of RS-232/422/485
- 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 1x RS-232/422/485 (BIOS Configurable)
USB	N/A
Expansion	1x M.2 Key B 2242 for storage 1x full-size Mini-PCle

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)

ENVIRONMENTAL & 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 (EN 60068-2-6) 15G with 11 ms impulse length, 18 shocks in total (EN 60068-2-27)
Shock	
Degree of Protection	IP 30
Dimension	100mm (L) x 53.5mm (W) x 92 mm (D)
Net Weight	0.53 KG

Optional Accessories

Power Adaptor	60W, 24V/2.5A, 2-pin Connector
Mounting Kit	DIN-rail / Wall Mount
Video Adaptor	DP to VGA/ DP to DVI



Portwell, Inc.
No. 242, Bo'AI St., Shu-Lin Dist.
New Taipei City 238, Taiwan
Tel: +886-2-77318888
Fax: +886-2-77319888
E-mail: info@portwell.com.tw
http://www.portwell.com.tw

American Portwell
(Fremont, CA)
Tel: +1-510-403-3399
Fax: +1-510-403-3184
E-mail: info@portwell.com
http://www.portwell.com

Portwell Latin America
(Brazil)
Tel: +55-41-3121-7200
Tel: +55-41-3121-7201
E-mail: vendas@portwell.com.br
http://www.portwell.com.br

European Portwell
(Germany)
Tel: +31-252-620790
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Deutschland GmbH
(Germany)
Tel: +49-6103-3008-0
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
http://www.portwell.de

Portwell UK Ltd.
(China)
Tel: +44-1235-750760
Fax: +44-1235-750761
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Japan, Inc.
(Japan)
Tel: +81-6-4807-7721
Fax: +81-6-4807-7720
E-mail: info@portwell.co.jp
http://www.portwell.co.jp

Portwell Korea, Inc.
(Korea)
Tel: +82-31-450-3043
Fax: +82-31-450-3044
E-mail: info@portwell.co.kr
http://www.portwell.co.kr

Portwell India Technology
(India)
Tel: +91-80-4078-2700
E-mail: info@portwell.in
http://www.portwell.in

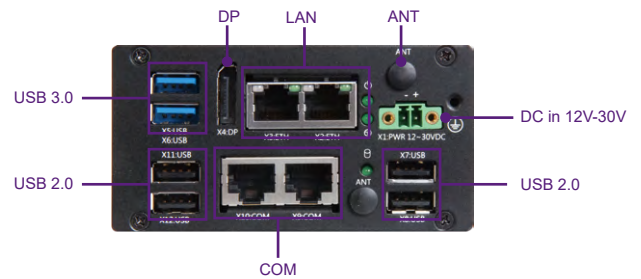
Shanghai Portwell
(China)
Tel: +86-21-5771-2505
Fax: +86-21-5772-2985
E-mail: info@portwell.com.cn
http://www.portwell.com.cn

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 USB 2.0
- 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

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 Interfac

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 A)
LVD (EN 62368-1)

ENVIRONMENTAL & 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 (EN 60068-2-6) 15G with 11 ms impulse length, 18 shocks in total (EN 60068-2-27)
Shock	
Degree of Protection	IP 30
Dimension	100mm (L) x 53.5mm (W) x 92 mm (D)
Net Weight	0.53 KG

Optional Accessories

Power Adaptor	60W, 24V/2.5A, 2-pin Connector
Mounting Kit	DIN-rail / Wall Mount
Video Adaptor	DP to VGA/ DP to DVI



Portwell, Inc. (headquarter)
No. 242, Bo'AI St., Shu-Lin Dist.
New Taipei City 238, Taiwan
Tel: +886-2-77318888
Fax: +886-2-77319888
E-mail: info@portwell.com.tw
http://www.portwell.com.tw

American Portwell
(Fremont, CA)
Tel: +1-510-403-3399
Tel: +1-510-403-3184
E-mail: info@portwell.com
http://www.portwell.com

Portwell Latin America
(Brazil)
Tel: +55-41-3121-7200
Tel: +55-41-3121-7201
E-mail: vendas@portwell.com.br
http://www.portwell.com.br

European Portwell
(Germany)
Tel: +31-252-620790
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Deutschland GmbH
(Germany)
Tel: +49-6103-3008-0
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
http://www.portwell.de

Portwell UK Ltd.
(China)
Tel: +44-1235-750760
Fax: +44-1235-750761
E-mail: info@portwell.eu
http://www.portwell.eu

Portwell Japan, Inc.
(Japan)
Tel: +81-6-4807-7721
Fax: +81-6-4807-7720
E-mail: info@portwell.co.kr
http://www.portwell.co.kr

Portwell Korea, Inc.
(Korea)
Tel: +82-31-450-3043
Fax: +82-31-450-3044
E-mail: info@portwell.in
http://www.portwell.in

Portwell India
Technology
(India)
Tel: +91-80-4078-2700
E-mail: info@portwell.in
http://www.portwell.in

Shanghai Portwell
(China)
Tel: +86-21-5771-2565
E-mail: info@portwell.com.cn
http://www.portwell.com.cn