

# LYNC-712-1900G4

Fanless 12.1" Industrial Panel PC with Intel® J1900 Quad-Core™ Processor



## Features

- Fewer Cables, Fanless Design
- 12.1" 1024 x 768 XGA LCD Display w/ LED Backlight
- Front Bezel with Completely Covered Membrane
- Flush Front Panel, IP65-Compliant
- Brightness Control Button
- Outside-accessible Push-pull CFast Socket
- Outside-accessible USB port with rubber cover on the front bezel
- Serial Ports (RS-485), w/ Auto-flow Control
- 1 x MiniCard socket for WiFi module
- 2 x SMA Antenna Holes for optional WiFi Function
- 9~36V Wide-Range DC Input with reverse protection

## System

CPU	Intel® J1900 Quad-Core™ Processor 2.0GHz
Memory	1 x 4GB DDR3L SO-DIMM memory module installed 1 x DDR3L SO-DIMM socket, supporting 1066/1333 MHz SDRAM up to 8GB
LAN	2 x Realtek® 8111E GbE controllers
Watchdog Timer	1~255 levels reset

## Storage

1st Device	1 x outside-accessible CFast slot
2nd Device	1 x 2.5" drive bay

## Audio

Speaker	2 x 1.5W speakers (optional)
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## LCD Display

Size/Type	12.1" TFT LCD Panel
Max. Resolution	1024 x 768, XGA
Max. Colors	16.7M
Luminance	350 cd/m <sup>2</sup>
Touch Screen	5-wire Analog Resistive
View Angle (U/D/R/L)	80°/80°/80°/80°

## Button & Indicator

Function Key	Brightness up/down, Screen on/off
LED Indicator	Power on LED

## Power System

Power Input	DC 9~36V
Power Consumption	Max. 16.5W (w/o I/O cards)

## Qualification

Certification	UL, CE, FCC Class A
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## Expansion

Expansion Bus	1 x Mini-card socket (Full Size)
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## External I/O

Serial Ports	4 x DB-9 connectors for COM1~4 (COM1 ~ COM4 are RS-232/485 configurable)
USB Ports	4 x Type-A USB 2.0 ports (rear) 1 x Type-A USB 2.0 port with rubber cover on front bezel
LAN	2 x RJ-45 GbE ports
DVI	1 x DVI-I connector
WiFi	2 x SMA antenna holes for optional WiFi function

## Mechanical

Mounting Type	Panel Mounting and VESA-75/100 Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x H x D)	325.88 x 258.86 x 44.00 mm (12.8" x 10.2" x 1.74")
Weight (Net)	2.2 kg (without VESA bracket)

## Environmental

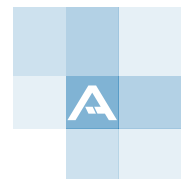
Operating Temp.	-20 ~ 55°C (-4 ~ 131°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms X,Y,Z axis (with CFast/SSD)
Shock	Operating 20G, 11ms X,Y,Z axis (with CFast/SSD)

## OS Support

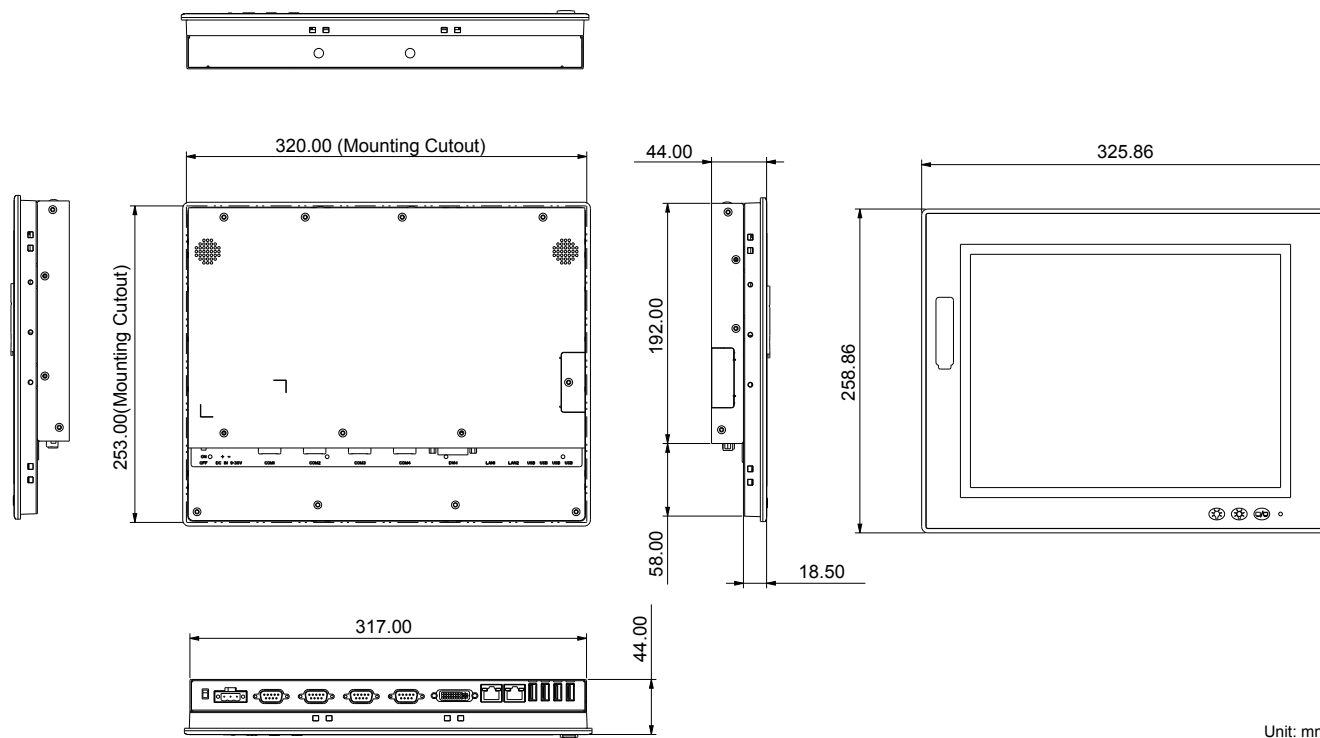
Windows 7 / Windows 8.1 / Windows 10 / Linux (Kernel: 3.1X)

## Ordering Information

LYNC-712-1900G4	12.1" Intel® J1900 Quad-Core™ Processor industrial panel PC with 4GB Memory
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## Dimensions



## Optional Accessories

PAC-60W6A-FSP-ES 12V/5A 60W AC/DC power adapter kit



VMB-712 LYNC-712 VESA-mount bracket kit, w/ 75 x 75 mm & 100 x 100 mm VESA supports



64/128/256GB SSD 2.5" SSD MLC 64/128/256GB



WiFi-AT4550 Atheros QCNFA324 Wi-Fi module w/ 2\*30cm internal wiring



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



ADK-712 LYNC-71x audio kit



SCK-722C Assembly kit for SiP-41B/42B  
(Note: SCK-722C can only be installed with VMB-712 Mounting Bracket)

