

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)
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 ²
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
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Certification

EMC / EMI	CE, FCC Class A
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Expansion

Expansion Bus	1 x Mini-card socket
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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 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 2.26")
Weight (Net)	2.2 kg (without VESA bracket)

Environmental

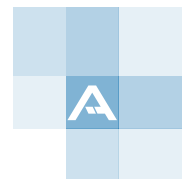
Operating Temp.	-20 ~ 55°C (-4 ~ 131°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms X,Y,Z axis (with CFast/SSD)
Shock	Operating 20G, 11ms X,Y,Z axis (with CFast/SSD)

OS Support

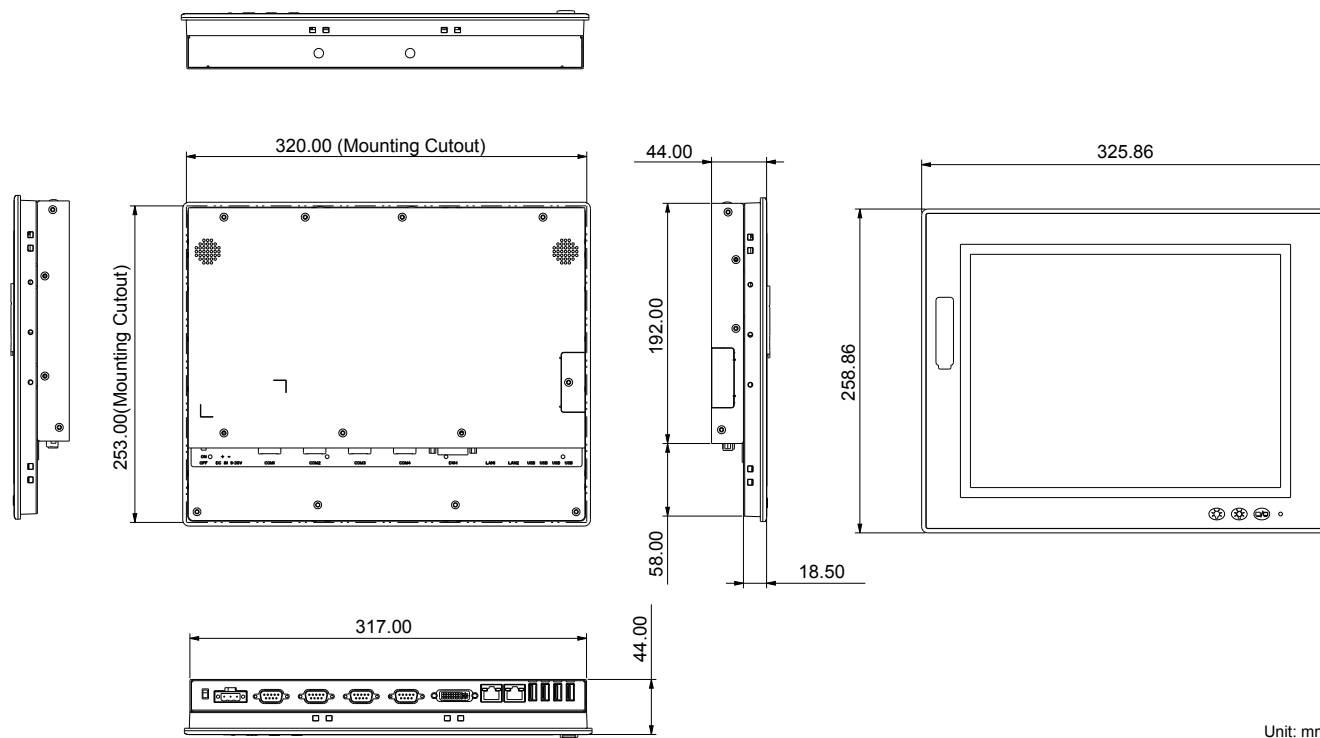
Windows 7 / Windows 8.1 / Linux (Kernel: 3.1X)

Ordering Information

LYNC-712-1900G4	12.1" Intel® J1900 Quad-Core™ Processor industrial panel PC
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Dimensions



Optional Accessories

PAC-P065W 19V/3.4A 65W AC/DC power adapter kit



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



Optional Accessories (CTOS* Kit)

80GB SSD Intel® 2.5" 80GB SATAIII SSD kit



WiFi-AT2350 Atheros AR9462 WiFi module w/ 20cm & 30cm internal wiring



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



ADK-712 LYNC-71x audio kit



*CTOS means Configure-to-Order Service.