

LYNC-712

Fanless 12.1" Industrial Panel PC with Intel® Atom™ Processor N2600 1.6GHz



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® Atom™ Processor N2600 1.6GHz
Memory	Soldered onboard 2GB DDR3 SDRAM
Chipset	Intel® NM10
LAN	2 x Intel® 82583V 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	16.2M
Luminance	500 cd/m ²
Touch Screen	5-wire Analog Resistive

View Angle (U/D/R/L)	70°/70°/80°/80°
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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 B
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External I/O

Serial Ports	4 x DB-9 connectors for COM1~4 (COM1 and COM2 are RS-232; COM3 and 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

Expansion

Expansion Bus	1 x Mini-card socket
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Mechanical

Mounting Type	Panel Mounting and VESA-75/100 Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x D x H)	325.86 x 44 x 258.86 mm (12.8" x 2.26" x 10.2")
Weight (Net)	2.2 kg (without VESA bracket)

Environmental

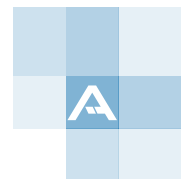
Operating Temp.	-20 ~ 55°C (-4 ~ 131°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms X,Y,Z axis (with CF/SSD)
Shock	Operating 20G, 11ms X,Y,Z axis (with CF/SSD)

OS Support

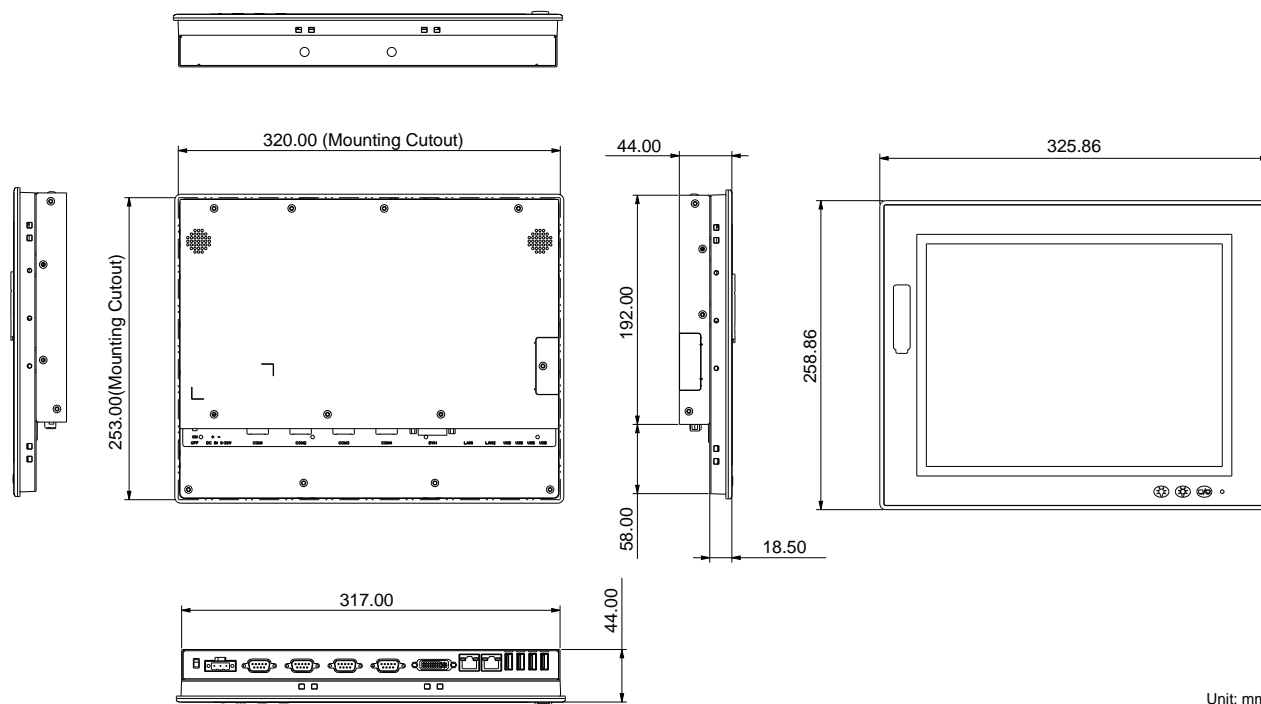
Windows XP Embedded / Windows Embedded 7
Windows Embedded Compact 7 / Linux Kernel 2.6

Ordering Information

LYNC-712	12.1" Intel® Atom™ Processor N2600 industrial panel PC
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Dimensions



Unit: mm

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 Configuration (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.