

# LYNC-712-4200G4 NEW

## Fanless 12.1" Industrial Panel PC with Intel® Pentium® N4200 Processor



### Features

- Intel® Apollo Lake-based panel PC
- 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® N4200 Quad-Core™ Processor 1.10GHz                             |
| Memory         | Soldered onboard 4GB DDR3L SDRAM                                      |
| LAN            | 1 x Intel® i210IT GbE controller<br>1 x Realtek® 8111E GbE controller |
| 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) |
|---------|------------------------------|

### 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. 23.37W (w/o I/O cards) |

### Qualification

|               |                 |
|---------------|-----------------|
| Certification | CE, FCC Class A |
|---------------|-----------------|

### Expansion

|               |                                  |
|---------------|----------------------------------|
| Expansion Bus | 1 x Mini-card socket (Full Size) |
|---------------|----------------------------------|

### External I/O

|              |   |
|--------------|---|
| Serial Ports | 4 x DB-9 connectors for COM1~4<br>(COM1 ~ COM4 are RS-232/485 configurable)                 |
| USB Ports    | 4 x Type-A USB 2.0 ports (rear)<br>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 (support DVI only)  |
| 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) | 325.86 x 258.86 x 53.50 mm<br>(12.8" x 10.2" x 2.11")               |
| Weight (Net)          | 2.4 kg (without VESA bracket)                                       |

### Environmental

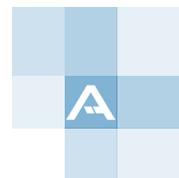
|                    |   |
|--------------------|---|
| Operating Temp.    | -20 ~ 55°C (-4 ~ 131°F)                         |
| Storage Temp.      | -20 ~ 70°C (-4 ~ 158°F)                         |
| Operating Humidity | 10 ~ 95% RH @ 55°C (non-condensing)             |
| Vibration          | 5 ~ 500Hz,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

### OS Support

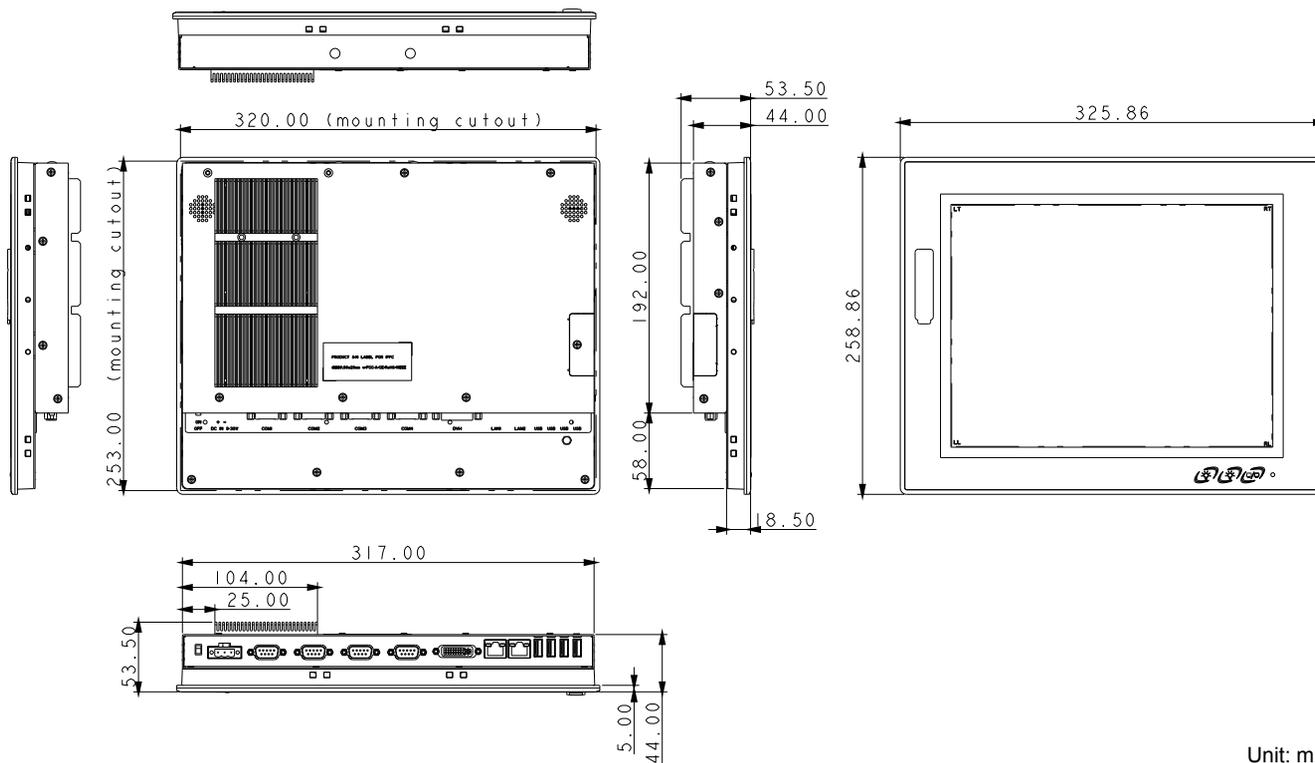
|                    |  |
|--------------------|--|
| Windows®10 (64bit) |  |
|--------------------|--|

### Ordering Information

|                 |   |
|-----------------|---|
| LYNC-712-4200G4 | 12.1" Intel® N4200 Quad-Core™ processor industrial panel PC with 4GB memory |
|-----------------|---|



## Dimensions



Unit: mm

## 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)

