



# LYNC-708-3845G2

Fanless 8" Industrial Panel PC with Intel® E3845 Quad-Core™ Processor



## Features

- Cableless and Fanless Design
- Brightness Control Button
- Flush Front Panel, IP65-Compliant
- 8" 1024 x 768 XGA LCD Display w/ LED Backlight
- Front Bezel with Completely Covered Membrane
- Power Input thru Terminal Block or Power over Ethernet Power Device mode

## System

|                    |                                      |
|--------------------|--------------------------------------|
| CPU                | Intel® Atom™ Processor E3845 1.91GHz |
| Graphic Controller | Intel® HD Graphic(Gen 7-LP) 4EU      |
| Memory             | 2GB DDR3L memory soldered on board   |
| Ethernet           | 1 x Intel® i210IT GbE controller     |
| Watchdog Timer     | 1~255 levels reset                   |

## Storage

|        |               |
|--------|---------------|
| Device | 1 x mSATA SSD |
|--------|---------------|

## Audio

|          |                         |
|----------|-------------------------|
| Speaker  | 2 x 1.5W Speakers       |
| Line out | 1 x Line-out phone jack |

## LCD Display

|                      |                               |
|----------------------|-------------------------------|
| Size/Type            | 8" TFT LCD Panel              |
| Max. Resolution      | 1024 x 768, XGA               |
| Max. Colors          | 16.2M                         |
| Luminance            | 300 cd/m <sup>2</sup>         |
| Touch Screen         | 5 Wire Resistive Single Touch |
| View Angle (U/D/R/L) | 75°/75°/70°/70°               |

## Power System

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Power Input       | DC 12V from Terminal Block or Power over Ethernet from RJ-45 Jack |
| Power Consumption | Max. 12.2W (w/o I/O cards)                                        |

## Qualification

|               |                 |
|---------------|-----------------|
| Certification | CE, FCC Class B |
|---------------|-----------------|

## Expansion

|               |                                    |
|---------------|------------------------------------|
| Expansion Bus | 1 x mini-card socket for mSATA SSD |
|---------------|------------------------------------|

## External I/O

|               |                                          |
|---------------|------------------------------------------|
| Serial Ports  | 2 x RS-232 DB-9 connectors               |
| USB Ports     | 2 x USB 2.0 Type-A ports                 |
| Ethernet Port | 1x RJ-45 GbE port w/ IEEE 802.3at PoE PD |

## Mechanical

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Mounting Type         | Panel Mounting                                                      |
| Chassis               | Panel-mounting chassis, aluminum front bezel and SECC steel chassis |
| Dimension (W x H x D) | 274.96 x 207.96 x 56.1 mm<br>(10.82" x 8.18" x 2.21")               |
| Weight (Net)          | 2.16 kg (4.76lb)                                                    |

## Environmental

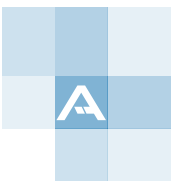
|                    |                                             |
|--------------------|---------------------------------------------|
| Operating Temp.    | 0 ~ 60°C (32 ~ 140°F)                       |
| Storage Temp.      | -20 ~ 70°C (-4 ~ 158°F)                     |
| Operating Humidity | 10 ~ 95% RH @ 60°C (non-condensing)         |
| Vibration          | 5 ~ 500Hz, 2Grms X, Y, Z axis (with SSD)    |
| Shock              | Operating 10G, 11ms X, Y, Z axis (with SSD) |

## OS Support

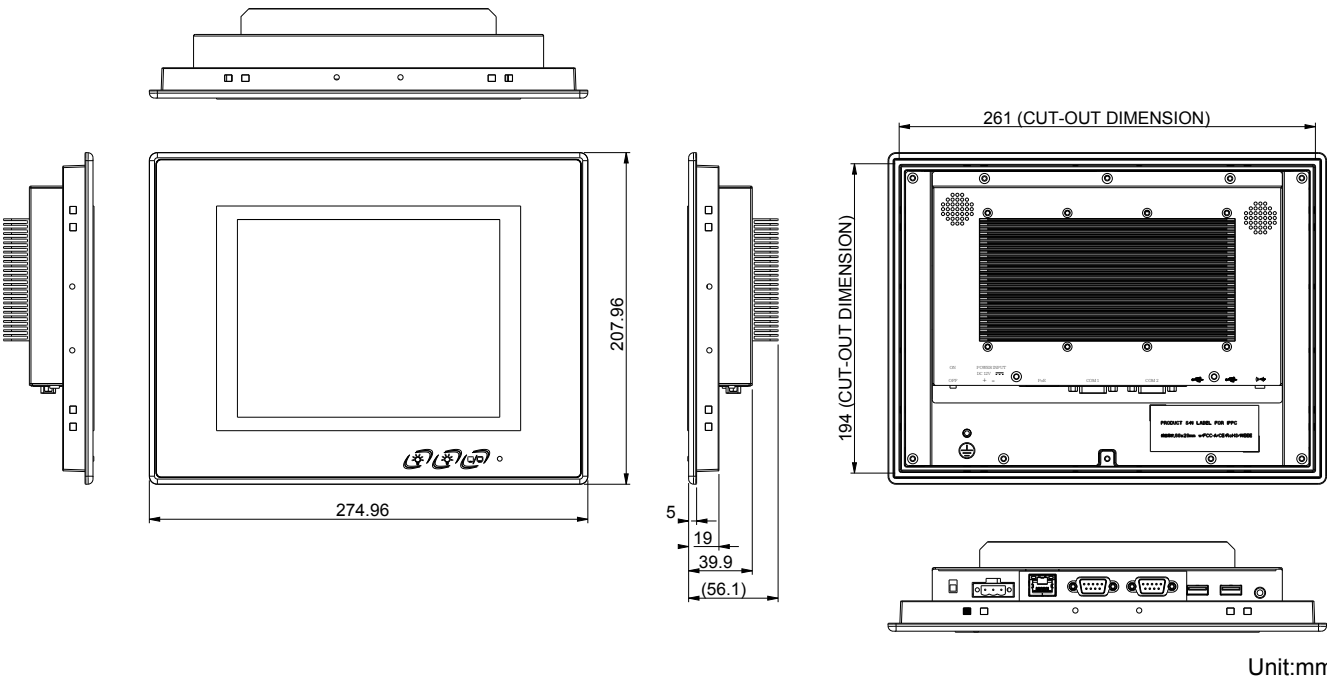
|                                  |
|----------------------------------|
| Windows® 7 / Windows® 10 (64bit) |
|----------------------------------|

## Ordering Information

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| LYNC-708-3845G2 | 8" Intel® E3845 Quad-Core™ Processor<br>Industrial Panel PC w/ 2GB memory |
|-----------------|---------------------------------------------------------------------------|



# Dimensions



Unit:mm

## Optional Accessories

PAC-60W6A-FSP-ES 12V/5A 60W AC/DC Power Adapter Kit



## Optional Accessories (CTOS\* Kit)

32/64/128/256GB SSD mSATA MLC 32/64/128/256GB



\*CTOS means Configure-to-Order Service.

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