

# LYNC-715-7433G8

Fanless 15" Industrial Panel PC with Intel® Atom™ x7433RE Processor



## Features

- 15" 1024 x 768 XGA LCD display w/ LED backlight
- Flush front panel w/ IP65 waterproof compliant
- Support 2.5GbE LAN and USB 3.2 Gen2
- Support dTPM2.0 & Windows 11
- Rich I/O: 3~4xCOM/ 2x2.5G LAN/ 2xUSB3.2/ 3xUSB2.0/ 1x8bit DIO
- 9~36V wide-range DC input with reverse protection
- Optional wireless connectivity for 4G/ 5G & WiFi expansion
- Optional OOB mgt for remote access & status recovery
- Optional rear cover for cable management

## System

CPU	Intel® Atom™ Amston Lake x7433RE (quad core) Processor
Memory	1 x DDR5 SO-DIMM slot supporting 4800 MHz up to 32GB (8GB pre-installed)
LAN Chipset	2 x Intel® KI226LM supports TSN
TPM	Support dTPM 2.0
Watchdog Timer	1~255 levels reset

## Storage

1st Device	1 x 2.5" SSD drive bay (SATAIII)
2nd Device	1 x M.2 M-key 2242 (SATAIII only)

## Audio

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

Size/Type	15" 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)	88°/88°/88°/88°

## Button & Indicator

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

## Power System

Power Input	DC 9~36V (4-pin DC in terminal block: V+, V-, SW-, SW+)
Remote Control	1 x 4-Pin terminal block
Power Switch	ON/OFF
Power Consumption	TBD

## Qualification

Certification	CE, FCC Class A
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## OS Support

Windows® 10 / Windows® 11	
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## Expansion

	1 x M.2 E-key 2230(PCIe x1+USB2.0) for WiFi/BT
Expansion Bus	1 x M.2 B-key 2242/2260/3042/3052 (PCIe Gen3 x1+USB3.0+USB2.0) w/ 1x nano SIM card slot for 4G/5G module

## External I/O

Serial Ports	4 x DB-9 connectors for RS-232(Default) /485* configurable (*RS-485, w/ auto-flow control)
DIO	1 x 8bit DIO (Optional) share I/O port with COM4
USB Ports	2 x Type-A USB 3.2 Gen 2 ports (Rear) 2 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 2.5GbE LAN ports
Video Output	1 x DisplayPort 1.4, up to 4096 x 2304@60Hz
Others	6 x Antenna holes
OOB	Optional RJ-45 connector to support OOB management (BTO)

## Mechanical

Mounting Type	Panel Mounting (Default) and VESA-75/100 Mounting (Optional)
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x H x D)	390 x 310 x 56.1 mm (15.4" x 12.2" x 2.21")
Weight (Net)	TBD
Others	I/O Cable Cover (Optional)

## Environmental

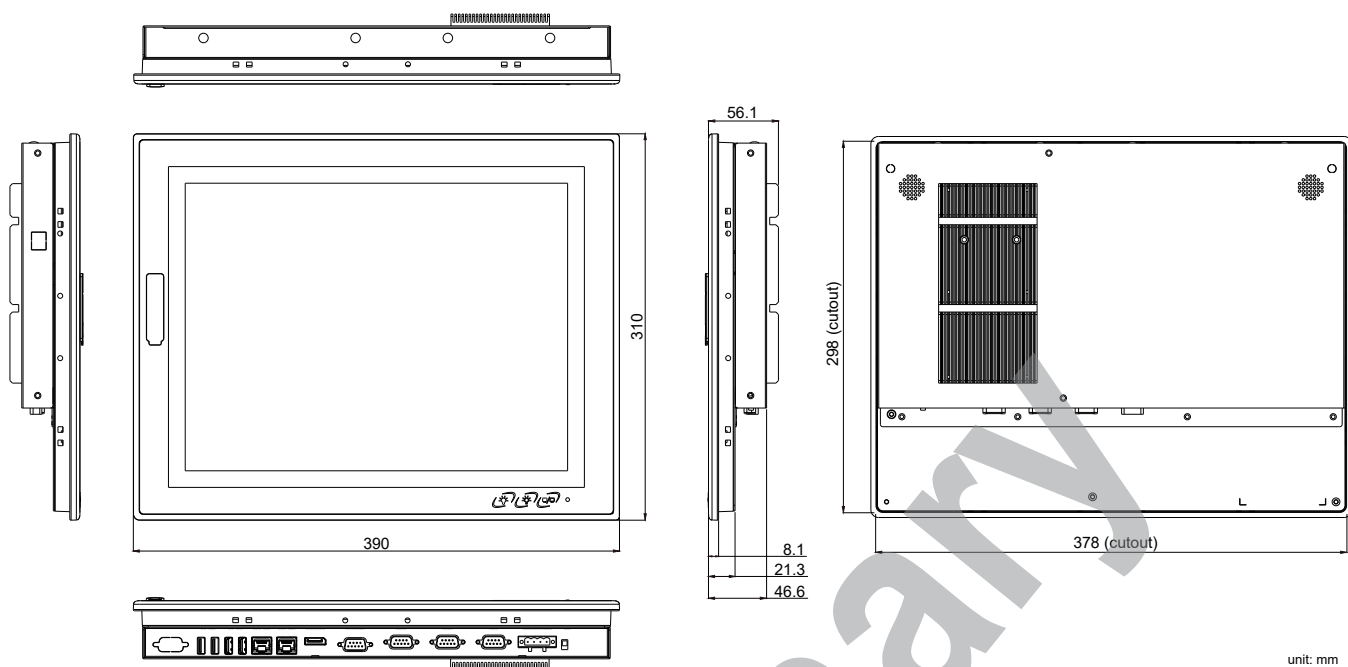
Operating Temp.	-20 ~ 55°C (-4 ~ 131°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms X,Y,Z axis (with SSD)
Shock	Operating 20G, 11ms X,Y,Z axis (with SSD)

## Ordering Information

LYNC-715-7433G8	15" Intel® Atom™ x7433RE Processor industrial panel PC with 8GB memory
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## Dimensions



## Optional Accessories

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



VMB-715 LYNC-715 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



64GB M.2 SSD M.2 M-key 2242, 64GB, SATA3.0



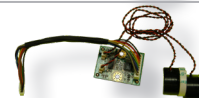
WiFi-AT3550 Atheros QCNFA364A M.2 WiFi+BT module w/ 2\*30cm internal wiring



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)

