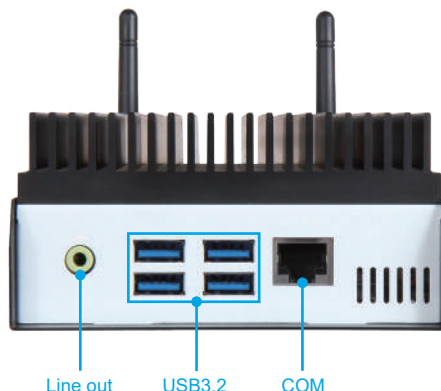




RICH-61F0

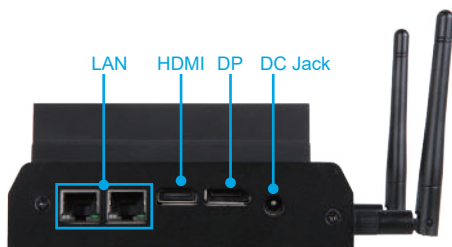
Embedded fan-less system with Intel Atom®
x7000RE Series SoC based NUC platform



Line out

USB3.2

COM



LAN

HDMI

DP

DC Jack

RICH-61F0 is designed with Intel Atom® x7000RE Series processors, featuring DDR4 memory up to 32GB, dual Gigabit Ethernet ports, dual M.2 expansion interfaces, and support for wide input voltage range from 12V to 19V.

FEATURES

- Intel Atom® processors x7000RE series processors
- DDR4 3200 SO-DIMM up to 32GB
- Dual 2.5GbE LAN ports
- Dual displays by DP & HDMI®
- One M.2 Key E, One M.2 Key M, and one RS-232/422/485
- Wide DC-In 12V~19V



System

CPU	Intel Atom® x7213RE, Intel Atom®x7433RE, Intel Atom®x7835RE Processor
BIOS	AMI UEFI BIOS
System Memory	- DDR4 3200 MT/s Non-ECC SO-DIMM up to 32GB - Supports In-Band ECC (All SKUs)
Storage	- 1x M.2242 M key socket (PCIe Gen 3x 2) for NVMe SSD - Onboard 128GB eMMC 5.0 (up to 256GB)
H/W Status Monitor	System monitor (Voltage and Temperature)
Expansion	- 1x M.2 Key E 2230 for wireless module - 1x M.2 Key M 2242 for storage

External I/O

Serial Port	1x RS-232/422/485 on RJ45
Display	- 1x HDMI® 2.0b Port - 1x DP 1.4 Port
USB	4x USB 3.2 Gen 2 ports (10Gbps)
Audio	Audio jack with Line-out
Ethernet	- 2x Intel® I226IT 2.5GbE controller - 2x RJ45 connectors with two LED indicators

Power Supply Unit

Power Input	DC 12V ~19V
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Environmental

Operation Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
Relative Humidity	40°C, 95%RH non-condensing
Operating Vibration	5Grms/10-500Hz, IEC 60068-2-6
Operating Shock	50G, 11 msec, IEC 60068-2-27

Mechanical

Dimension	130(W) x 112.5(D) x 55.8 (H) mm
Weight	1.5 Kg
Mounting	Wall mounting

