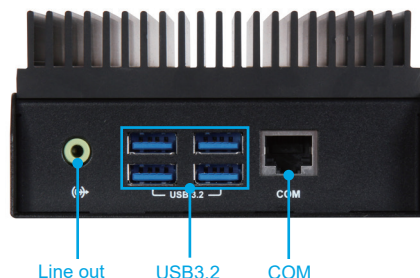
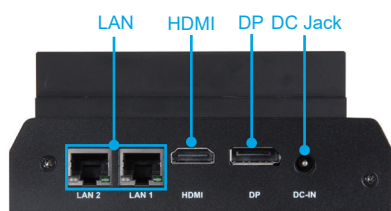


RICH-61F0

RICH-61F0 is a fanless industrial embedded system with Intel Atom® x7000RE CPUs. Supports DDR4 / dual LAN / dual M.2 / wide 12V~19V DC input. Ideal for versatile industrial use.



FEATURES

- Intel Atom®x7000RE series processors
- Dual 2.5GbE LAN ports, dual displays by DP & HDMI®
- DDR4 3200 SO-DIMM up to 32GB (Supports In-Band ECC)
- One M.2 Key E, One M.2 Key M, and one RS-232/422/485 via RJ45
- Wide DC-In 12V~19V

Ordering Guide

RICH-61F0	Category	System
	Product	ATO.RICH-61F0
	Description	ATO.RICH-61F0. NUC System. WUX. Amston Lake.
	P/N	AS5-3669
	Status	Available

General

Processor	Intel® Atom® x7211RE, 2 cores, 6 W Intel® Atom® x7433RE, 4 cores, 9 W Intel® Atom® x7835RE, 8 cores, 12 W
BIOS	AMI uEFI BIOS
Memory	Support up to 32GB DDR4 3200 MT/s on 1 SODIMM
Storage	1 x M.2 Key-M NVMe PCIe x2 / SATA 2242 1 x eMMC 128G on board support up to 256GB
Graphic Controller	Intel® UHD Graphics

System I/O

Audio	1 x Audio Jack Line-out
Ethernet	2 x 2.5 GbE w/ Intel WGI226IT
Serial Port	1 x RJ45 Ports Support RS-232/422/485
USB	4 x USB 3.2 Gen2 x1 (10Gbps) Type A
Display	1 x HDMI® 2.0b 1 x DP 1.4
Antenna	2 x SMA Antenna holes for Wi-Fi

Expansion I/O

M.2	1 x M Key w/ 2242 PCIe x2 or SATA III for storage 1 x E Key w/ 2230 PCIe x1 and USB 2.0 for WiFi/BT module
Security	TPM 2.0 (Default)

ME/ Environment

Dimension(WxDxH)	130 x 112.5 x 55.8 mm (5.12" x 4.43" x 2.20")
Weight	1.5 kg
Power Supply	DC Jack 12-19V
Mounting	Wall Mount
Vibration	5G 10~500Hz with Wall mount (IEC/EN 60068-2-6)
Shock	50G 11m sec with Wall mount (IEC/EN 60068-2-27)
Operating Temperature	-40 ~ 60 °C (-40.0 ~ 140.0 °F)
Storage Temperature	-40 ~ 85 °C (-40.0 ~ 185.0 °F)
Cooling	Fanless
Relative Humidity	5% to 95%, non-condensing
Certification	CE/FCC/UKCA Class B, LVD (EN 62368-1)
Portwell Special Feature	PET