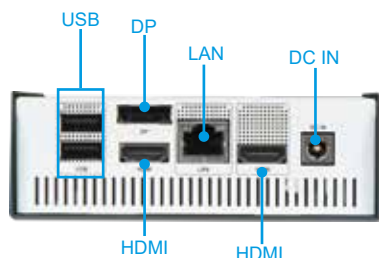
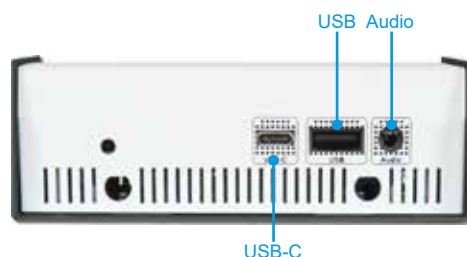




RICH-61E0

Embedded fan-less system with Intel® 7th Gen Kabylake-U based NUC board



RICH-61E0 builds on Intel® Intel® 7th Gen (Kabylake-U) Core™ MCP Processors that can support dual channel DDR4 SO-DIMM memory and Support one Gigabit Ethernet port and M.2

FEATURES

- Supports Intel® 7th Gen Kabylake-U Core™ MCP Processors
- Supports Dual Channel DDR4 SO-DIMM 2133 ,up to 32GB
- Supports 2 x HDMI, 1 x DP
- Support Dual Display (HDMI2 + DP or HDMI 1 + HDMI 2)
- Support xUSB 3.0, 1 x USB 3.1 (Type C), 1 x IR
- Support M.2 slots 1 x Key E(Supports 2230) and 1 x Key M(Supports 2260)

ORDERING GUIDE

Contact us (R).ATO. RICH-61E0. NUC System



Product	RICH-61E0
Motherboard	WUX-7XXX
Chipset	
Processor	Intel® 7th Gen Kabylake-U Core™ MCP Processors
Freq. / Turbo	i3-7100U, QC, 2.30 GHz, 15 W i5-7300U, QC, 2.40 GHz, 15 W
GFX	Intel® HD Graphics 520
GFX Freq. / Turbo	500MHz / 650MHz
Graphic Controller	Intel® Gen 9 Graphics supports DirectX 12, OpenGL 4.2 / OpenCL 2.0
BIOS	AMI uEFI BIOS
Memory	Dual Channel DDR4 SO-DIMM 2133 MHz, Up to 32G
Storage	1x SATA III port 1x M.2
Watchdog Time	Programmable watchdog timer, time out period from 1 sec to 255 secs
Expansion	1 x M.2 Key E(Supports 2230), 1 x M.2 Key M(Supports 2260)

Mechanical & Environment

Dimension	113(W) × 135(D) × 41(H) mm
Weight	2Kg
Mounting	Desk, Wall/Panel mounting
Operating Temperature	0°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
Relative Humidity	95%@40°C, non-condensing
Certification	CE, FCC Ckass A
Operating Vibration	5Grms/10-500Hz, IEC 60068-2-06
Operating Shock	50G, 11 msec, IEC 60068-2-27
IP Protection	IP40
OS	Windows 7/8/10, Linux™

I/O Interface

USB	4x USB 3 (3x USB 3.0 compliant, 1x USB 3.1 Type C)
Ethernet	1x Intel® I219 GbE controller - 1x RJ45 connectors on rear I/O
Serial Port	N/A
Display	2x HDMI: on board connector, resolution up to 4Kx2K@60Hz 1x DP: on board connector, resolution up to 4096x2160
Audio	1x Audio jack on rear I/O with Line-out, Line-in
Other	2x Antenna hole for WiFi or 3G/GPS module 1x EXT Power Switch

Power

Power Input	DC 19V via DC Jack
Power Consumption (Max)	40W



IoT Solutions Alliance

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