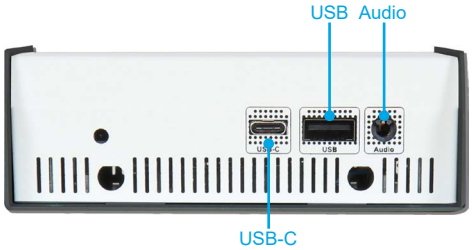
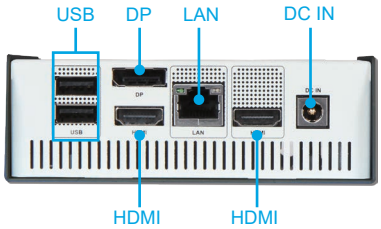
RICH-61E0

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



AMI BIOS | HDMI | DP | 4 USB | M2



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

FEATURES

- Supports Intel® 7th Gen Kabylake-U Core™ 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 3 x USB 3.0, 1 x USB 3.1 (Type C)
- Support M.2 slots 1 x Key E(Supports 2230) and 1 x Key M(Supports 2260)

ORDERING GUIDE

AS5-3546	(R).ATO.RICH-61E0. NUC System.

System

M/B	WUX-7100/7300
System Chipset	Integrated
CPU	Intel® 7th Gen Kabylake-U Core™ Processors
BIOS	AMI uEFI BIOS
System Memory	Dual Channel DDR4 SO-DIMM 2133 MHz, Up to 32G
Storage	1x M.2 Key M 2260 for storage
Watchdog Time	Programmable watchdog timer, time out period from 1 sec to 255 secs.
H/W Status Monitor	- Temperature (CPU & System) - Voltage (VCC, VSB, VBAT) - CPU Fan Speed
Expansion	1x M.2 Key E 2230 for wireless module

External I/O

Display	- 2x HDMI: on board connector, resolution up to 4Kx2K @ 60Hz - 1x DP: on board connector, resolution up to 4096x2160
USB	4x USB 3 (3x USB 3.0 compliant, 1x USB 3.1 Type C)
Audio	Mic-in / Line-out
Ethernet	1x Gigabit Ethernet (Intel® I219LM)
Others	- 2x Antenna hole for WiFi

Power Supply Unit

Power Input	DC 12V, 19V

Environmental

Operation Temperature	0°C ~50°C
Storage Temperature	-40°C ~ 80°C
Relative Humidity	95%@40°C, non-condensing
Operating Vibration	5Grms/10-500Hz, IEC 60068-2-6
Operating Shock	50G, 11 msec, IEC 60068-2-27

Mechanical

Dimension	113(W) x 41(H) x 135(D) mm; 4.45"(W) x 1.6"(H) x 5.3"(D)
Weight	1.5 Kg
Mounting	Wall mounting