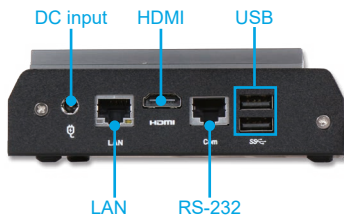
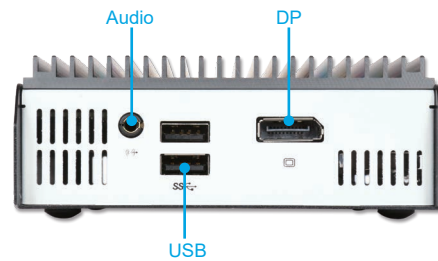




RICH-61D0

Embedded fan-less system with Intel® Apollo Lake NUC platform



RICH-61D0 builds on Intel® Atom® Apollo Lake SOC supports Dual/Quad Core (up to 10W) that can support dual channel DDR3L memory. Support one Gigabit Ethernet port and one M.2 socket.

FEATURES

- Intel Atom® 14nm SOC with Dual/Quad Core
- Dual Channel DDR3L 1866 SO-DIMM up to 8G
- Dual display by DP & HDMI up to UHD resolution
- M.2 (E+A Key), SATAIII Port and MicroSD 3.0 socket
- DC-In 12V ~19V
- CE/FCC Class B approved

ORDERING GUIDE

| | |
|----------|--------------------------------|
| AS5-3537 | (R).ATO.RICH-61D0. NUC System. |
|----------|--------------------------------|

System

| | |
|--------------------|---|
| M/B | WUX-3350/4200/3455 |
| CPU | Intel Atom® Apollo Lake SOC, (up to 10W) |
| BIOS | AMI uEFI BIOS |
| System Memory | Dual Channel DDR3L 1866/1600 Non-ECC SO-DIMM up to 8GB |
| Storage | - 1x Micro-SD 3.0 socket - Onboard 32GB eMMC 5.0 (up to 64GB) |
| 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

| | |
|-------------|--|
| Serial Port | 1x RS-232 on RJ45 |
| Display | - 1x HDMI (1.4b) port on board connector, up to 3840x2160 @ 30 Mhz - 1x DP(1.2) port on rear I/O, up to 4096x2160 @ 60Mhz |
| USB | 4x USB 3.0 ports support by stacked connector (Front + Left) |
| Audio | Mic-in / Line-out |
| Ethernet | 1x Gigabit Ethernet (Realtek® RTL8111H) |

Power Supply Unit

| | |
|-------------|-------------|
| Power Input | DC 12V ~19V |
|-------------|-------------|

Environmental

| | |
|-----------------------|-------------------------------|
| Operation Temperature | 0°C ~60°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 |

