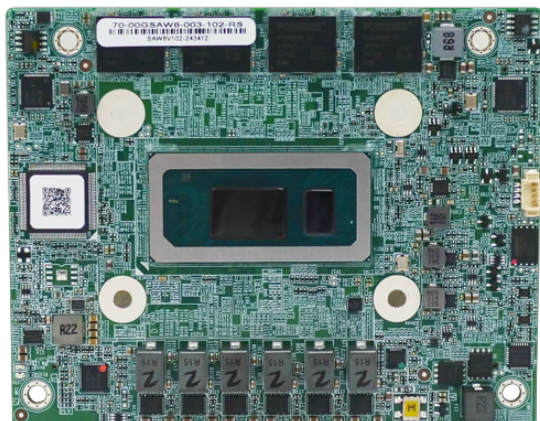


# HUK-AADLP

COM-HPC Client size A Module, Intel® Alder Lake P/Raptor Lake-P, with 16GB LPDDR5 memory on board default, Dual 2.5 GbE, PCIe 3.0, SATA 6Gb/s, USB 3.2 gen 2, RoHS



## Features

- » 12th/13th Intel® mobile Alder Lake-P/Raptor Lake-P Core I on board SoC
- » COM-HPC Size A
- » Onboard LPDDR5x-4800MHz 16GB, up to 32GB
- » DP/HDMI/eDP
- » 3 x PCIe Gen3 x4
- » 2 x PCIe Gen3 x1

## Specifications

|                             |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| Form Factor                 |                                                                                                 |
| Form Factor                 | COM-HPC SIZE A                                                                                  |
| System                      |                                                                                                 |
| CPU                         | Intel® Alder Lake-P/Raptor Lake-P SoC                                                           |
|                             | Intel® Celeron® 7305 (up to 1.1 GHz, 5-core, TDP=15W)                                           |
|                             | Intel® Core™ i3-1220P (up to 4.4GHz, 10-core, TDP=28W)                                          |
|                             | Intel® Core™ i5-1240P (up to 4.4GHz, 12-core, TDP=28W)                                          |
|                             | Intel® Core™ i7-1260P (up to 4.7GHz, 12-core, TDP=28W)                                          |
| Memory                      | Onboard LPDDR5x-4800MHz 16GB                                                                    |
| Memory Max.                 | 32GB                                                                                            |
| Cooling method / System Fan | 1 x CPU FAN connector                                                                           |
| Physical Characteristics    |                                                                                                 |
| Dimensions (LxWxH) (mm)     | 95 x 120mm                                                                                      |
| Storage                     |                                                                                                 |
| Storage                     | 2 x SATA : signal to baseboard, 6Gb/s                                                           |
| I/O Interface               |                                                                                                 |
| Display Output              | 4 x Display Port : 3 x DDI and 1 x eDP signals to baseboard                                     |
| Ethernet                    | 2 x LAN : PCIe 2.5 GbE with Intel i226-LM/i226-V signal to baseboard                            |
| I/O Interface               | 1 x GPIO : 12 Bit GPIO signal to baseboard                                                      |
|                             | 1 x I <sup>2</sup> C : 4-pin wafer signal to baseboard                                          |
|                             | 2 x UART : signal to baseboard                                                                  |
|                             | 12 x USB -<br>8 x USB 2.0 signals to the baseboard<br>4 x USB 3.2 Gen2 signals to the baseboard |
| Expansion                   | 2 x PCIe x1 : signals to the baseboard                                                          |
|                             | 3 x PCIe x4 : signals to the baseboard                                                          |
| Power                       |                                                                                                 |
| Power Supply                | ATX 12V Power Supply                                                                            |
| Environment                 |                                                                                                 |
| Operating Temperature       | -10°C ~ 60°C                                                                                    |
| Storage Temperature         | -30°C ~ 70°C                                                                                    |

## Ordering Information

|                   |                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUK-AADLP-i7D-R10 | COM-HPC Client size A Module,Intel® Alder Lake P i7-1260P, with 16GB LPDDR5 memory on board default, Dual 2.5 GbE, PCIe 3.0 , SATA SATA 6Gb/s, USB 3.2 gen 2, RoHS     |
| HUK-AADLP-i5D-R10 | COM-HPC Client size A Module,Intel® Alder Lake P i5-1240P, with 16GB LPDDR5 memory on board default,Dual 2.5 GbE, PCIe 3.0 , SATA SATA 6Gb/s, USB 3.2 gen 2, RoHS      |
| HUK-AADLP-i3D-R10 | COM-HPC Client size A Module,Intel® Alder Lake P i3-1220P, with 16GB LPDDR5 memory on board default, Dual 2.5 GbE, PCIe 3.0 , SATA SATA 6Gb/s, USB 3.2 gen 2, RoHS     |
| HUK-AADLP-CD-R10  | COM-HPC Client size A Module,Intel® Alder Lake P Celeron 7305, with 16GB LPDDR5 memory on board default, Dual 2.5 GbE, PCIe 3.0 , SATA SATA 6Gb/s, USB 3.2 gen 2, RoHS |

## Packing List

|                                     |                            |
|-------------------------------------|----------------------------|
| 1 x HUK-AADLP single board computer | 1 x Heatsink cooler module |
| 1 x QIG                             |                            |