

# CPU Modules

## COM Express Modules (x86)

The following **Intel** CPUs are available:

CPU Type	RAM	Onboard Network
Core i7 4th generation 4 x 2.4 / 3.4 GHz, 47 Watt TDP	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Core i5 4th generation 2 x 2.9 Ghz, 37 Watt TDP	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Core i3 4th generation 2 x 2.4 Ghz, 37 Watt TDP	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Celeron 2 x 2.2 Ghz, 37 Watt TDP	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Atom 4 x 1.91 Ghz, 10 Watt TDP	max. 8 GB DDR3L 1333 MT/s	1 GbE <sup>1</sup>

The following **AMD** CPUs are available:

CPU Type	RAM	Onboard Network
Embedded R max. 2.3 Ghz, 35 Watt TDP	max. 16 GB DDR3 1600 MT/s	1 GbE <sup>1</sup>
Embedded G max. 4 x 2.4 Ghz, 25 Watt TDP	max. 8 GB DDR3L 1600 MT/s onboard	1 GbE <sup>1</sup>

<sup>1</sup> Additionally a 1 GbE or 10 GbE compute network is available on the baseboard as described in [netboard installation](#)

## Apalis Modules (ARM)

The following Modules built according to the **Apalis-standard** are available:

Manufacturer	CPU Type	CPU Name	GPU	RAM	Onboard Network
Toradex	ARM Cortex-A9	Nvidia Tegra 3 4 x 1.3 Ghz, 6 Watt TDP	520 MHz	max. 2 GB DDR3 1600 MT/s	1 GbE
Christmann	ARM Cortex-A15	Samsung Exynos 5250 2 x 1.7 Ghz, 20 Watt TDP	ARM Mali-T604MP4; 533 MHz	4 GB DDR3	2 x 1 GbE

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2015/05/12 documentation:cpu\_modules [https://recswiki.christmann.info/wiki/doku.php?id=documentation:cpu\\_modules&rev=1431425616](https://recswiki.christmann.info/wiki/doku.php?id=documentation:cpu_modules&rev=1431425616)  
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Last update: **2015/05/12 10:13**

