

# CPU Modules

## ComExpress Modules

The following **Intel** CPUs are available:

CPU Type	RAM	Onboard Network
Core i7 4th generation; max. 4 x 2,4 / 3.4 GHz; max. 47 W	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Core i5 4th generation; max. 2 x 2,9 Ghz; max. 37 W	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Core i3 4th generation; max. 2 x 2,4 Ghz; max. 37 W	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Celeron; max 2 x 2,2 Ghz; max. 37 W	max. 16 GB DDR3L 1600MT/s	1 GbE <sup>1</sup>
Atom; max. 4 x 1,91 Ghz; max. 10W	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; max. 35 W	max. 16 GB DDR3 1600 MT/s	1 GbE <sup>1</sup>
Embedded G; max. 4 x 2,4 Ghz; max. 25 W	max. 8 GB DDR3L 1600 MT/s onboard	1 GbE <sup>1</sup>

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

## ARM Apalis Modules

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; max. 6 W	520 MHz	max. 2 GB DDR3 1600 MT/s	1 GbE
Christmann	ARM Cortex-A15	Samsung Exynos 5250; 2 x 1,7 Ghz; max. 20 W	ARM Mali-T604MP4; 533 MHz	4 GB DDR3	2 x 1 GbE

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