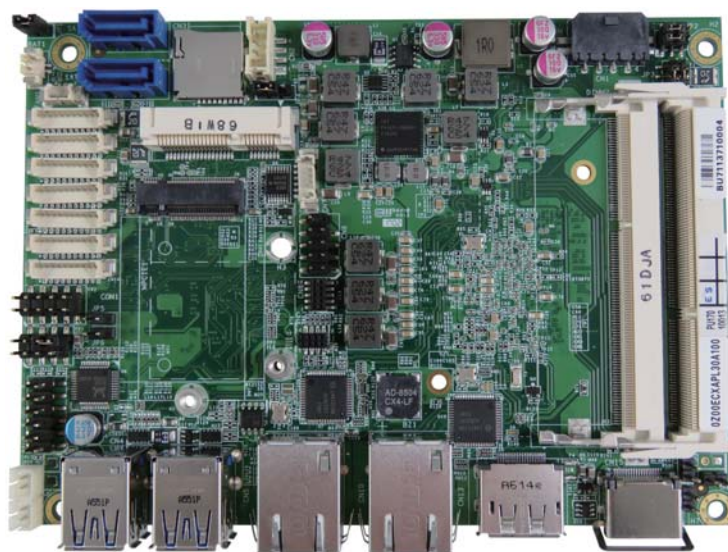


ECX-APL0 Series

Standard / Extended / Extreme Temperature
Single Board Computer in 3.5" ECX Form Factor
with Intel® Apollo Lake SoC Processor



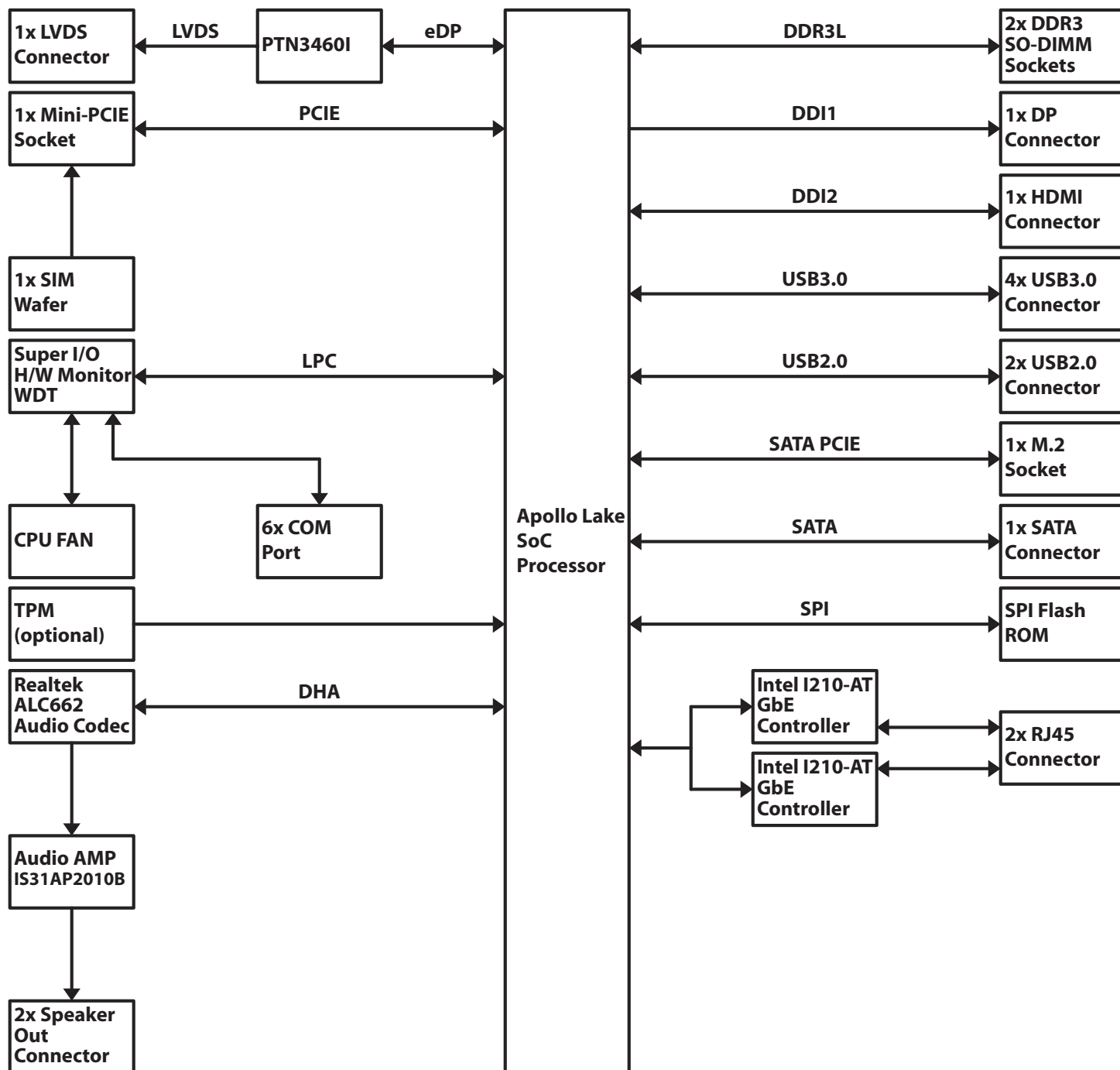
- Intel® Apollo Lake SoC Processor
- 2x DDR3L SO-DIMM
- 1x LVDS 1x HDMI, 1x DP, for display output
- 2x GbE LAN for Ethernet
- 4x USB3.0, 2x USB2.0, 6x COM, 8-bit DIO for peripherals
- 1x SATA3.0, 1x Micro-SD Cage for storage
- 1x mPCIe, 1x M.2 Key B for expansion
- Extended / extreme temperature model available

Product Overview

ECX-APL0 Series is a 3.5" ECX form factor single board computer equipped with Intel's next-generation Apollo Lake SoC Processor, providing up to 30% increase in processing / graphics performance and 15% increase in power efficiency over the models with previous-generation processor. In addition, ECX-APL0 Series

supports highly-integrated M.2 expansion socket and thus it allows developers to build more compact or thinner embedded devices. Extended and extreme temperature models are available for developers to integrate them into the systems used under (extreme) high, low or radically fluctuating temperatures

Block Diagram



ECX-APL0 Series I/Os



Ordering Information

Article	Part No.	Description
ECX-APL0	B3EXAPL0-000000T	Intel® Atom™ x7-E3950, 2x DDR3L SO-DIMM, 1x LVDS, 1x HDMI, 1x DP, 2x GbE, 4x USB3.0, 2x USB2.0, 6x COM, 1x 8-bit DIO, 1x SATA3.0, 1x μSD, 1x mPCIe, 1x M.2
ECX-APL1	B3EXAPL0-010000T	Intel® Atom™ x5-E3940, 2x DDR3L SO-DIMM, 1x LVDS, 1x HDMI, 1x DP, 2x GbE, 4x USB3.0, 2x USB2.0, 6x COM, 1x 8-bit DIO, 1x SATA3.0, 1x μSD, 1x mPCIe, 1x M.2
ECX-APL2	B3EXAPL0-020000T	Intel® Atom™ x5-E3930, 2x DDR3L SO-DIMM, 1x LVDS, 1x HDMI, 1x DP, 2x GbE, 4x USB3.0, 2x USB2.0, 6x COM, 1x 8-bit DIO, 1x SATA3.0, 1x μSD, 1x mPCIe, 1x M.2
ECX-APL3	B3EXAPL0-030000T	Intel® Pentium® N4200, 2x DDR3L SO-DIMM, 1x LVDS, 1x HDMI, 1x DP, 2x GbE, 4x USB3.0, 2x USB2.0, 6x COM, 1x 8-bit DIO, 1x SATA3.0, 1x μSD, 1x mPCIe, 1x M.2
ECX-APL4	B3EXAPL0-040000T	Intel® Celeron® N3350, 2x DDR3L SO-DIMM, 1x LVDS, 1x HDMI, 1x DP, 2x GbE, 4x USB3.0, 2x USB2.0, 6x COM, 1x 8-bit DIO, 1x SATA3.0, 1x μSD, 1x mPCIe, 1x M.2