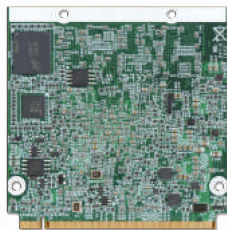
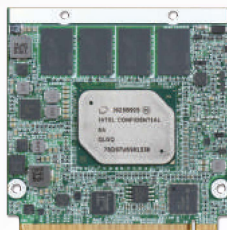


PQ7- M108

Qseven module by Qseven 2.1 based on Intel® Atom™ / Pentium® / Celeron® processors ("Apollo Lake") with LPDDR4 SDRAM up to 8GB, 24bit LVDS, DP/HDMI



PQ7-M108 is designed with Intel® Atom™ / Pentium® / Celeron® processors ("APOLLO LAKE") which featured with higher graphic performance and wider memory bandwidth than the previous platform.

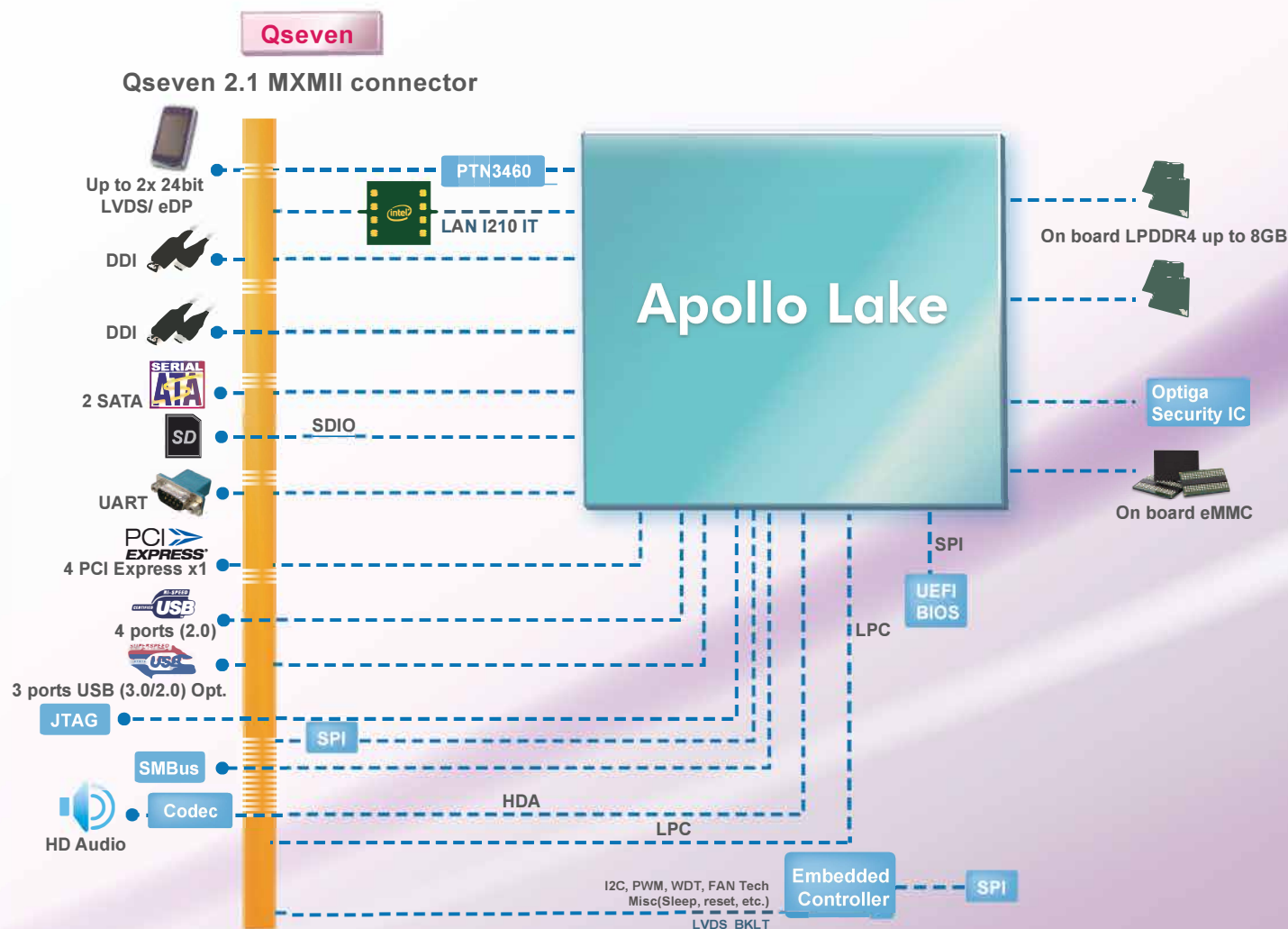
Benefit from Intel Apollo Lake industrial grade processor design, the operating temperature supports -40°C to 85°C. With qualified industrial-grade components selecting, PQ7-M108 is aimed to be widely applied on automation, security, transportations and so to different kinds of harsh environmental applications.

FEATURES

- Intel® Atom™ / Pentium® / Celeron® processors (Apollo Lake)
- On Board LPDDR4 DRAM and up to 8GB
- On Board eMMC 5.0 up to 64GB(Optional)
- Support 24-bit LVDS, HDMI/DP output
- 4 PCIe x1, 3x USB 3.0 or 4x USB 2.0
- Operating Temperature: -40°C~85°C

ORDERING GUIDE

AB7-3019Z	(R). PQ7-M108-N3350-8G-8G. Celeron N3350 Dual Core 2.4 GHz. Qseven Module/EC/LVDS
AB7-3054Z	(R). PQ7-M108-N4200-8G-8G. Pentium N4200 Quad Core 2.5 GHz. Qseven Module/EC/LVDS
AB7-3046Z	(R). PQ7-M108-E3950-8G-16G. Atom E3950 Quad Core 2.0 GHz. Qseven Module/EC/LVDS
Contact us	(R). PQ7-M108-Exxx-xG-xG. With chosen memory and eMMC capacity



Processor Core

- ◆ Intel® Atom™ Processor x7-E3950/x5-E3940/x5-E3930
- ◆ Intel® Pentium® Processor N4200
- ◆ Intel® Celeron® Processor N3350
- ◆ 1.8GHz to 2.5GHz
- ◆ 2MB Cache

Highlights

- ◆ Optiga Trust security IC on board option
- ◆ 4 PCIE x1
- ◆ eDP to LVDS support
- ◆ EC design for flexible control

Memory

- ◆ LPDDR4 - 2133/2400
- ◆ Dual Memory Channel support
- ◆ up to 8GB

Platform Thermal Design Power

	CPU	E3950	E3940	E3930	N4200	N3350
Watt		12W	9.5W	6.5W	6W	6W