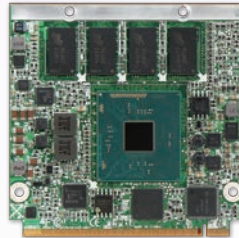


PQ7-M107



Qseven Module Based on Intel® Atom™ Processor N3000 Series with DDR3L SDRAM, LVDS/DP and eMMC



PQ7-M107 is designed with Intel® Atom™ N3000 series processor features low power than previous Atom platforms



PQ7-M107 could be implemented in manufactory, transportation and automation applications. Better graphics performace, higher memory bandwidth are improved compared to BayTrail. In addition, HD Camera with MIPI CSI 2.0, 4k x 2k resolution and three independent displays are designed on PQ7-M107

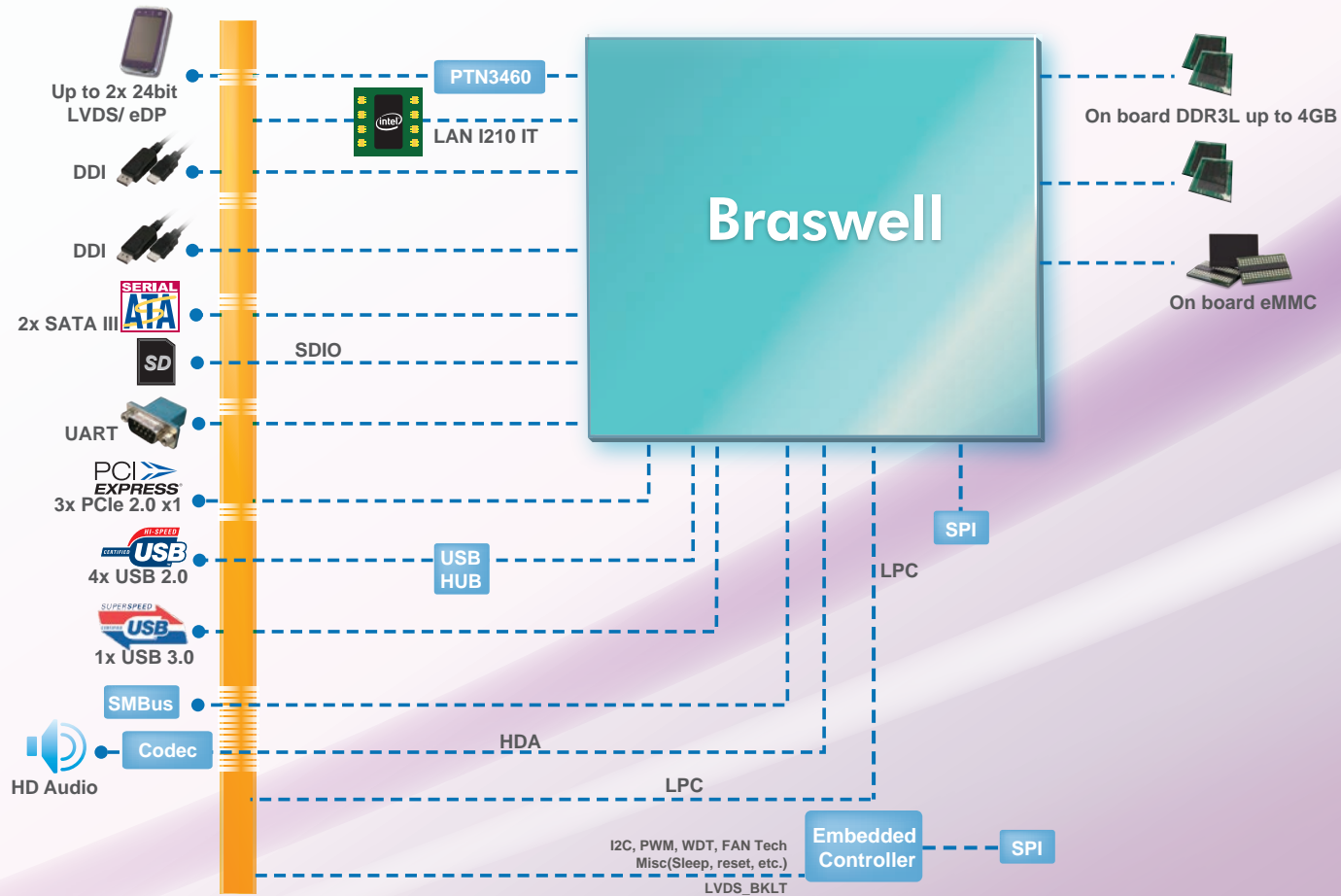
FEATURES

- Intel® Atom™ Processor N3000 series (Braswell)
- On Board DDR3L DRAM up to 4GB
- On Board eMMC up to 64GB
- Support LVDS and Display-port interface
- 3x PCIe 2.0 x1 (Up to 4x1), USB 2.0/3.0, 2x SATA III, I2C/Smart Battery function

ORDERING GUIDE

AB7-3050Z	(R).PQ7-M107-N3710-2G-4G. (4C. 2M. 1.6GHz. 6watts)QSeven Module Board. Atom Braswell CPU. DDR3L
Contact us	(R).PQ7-M107-N3xxx-xG-xG. With chosen memory and eMMC capacity

Qseven® 2.0 MXMII connector



Processor Core

- ◆ Intel® Atom™ Processor N3000 Series SoC
- ◆ 2M Cache

Highlights

- ◆ Integrated Memory Controller. 2 Channels of Native DDR3L support
- ◆ Integrated Native PCI Express option to 4
- ◆ eDP to LVDS support
- ◆ EC design for flexible control

Memory

- ◆ DDR3L 1600 MT/s
- ◆ Dual memory channel
- ◆ Up to 4GB

Platform Thermal Design Power

CPU	N3710	N3160	N3060	N3010
Watt	6W	6W	6W	4W