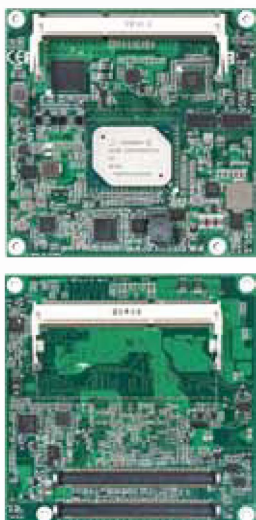


PCOM-B641VG



Portwell PCOM-B641VG is designed with Intel® Atom™ E3900 Series ultra low power processor with higher memory performance and advance graphic controller for Automation, Healthcare and Thin Client Systems.



Intel® Atom™ E3900 Series Processor based on Type VI COM Express module with DDR3L SDRAM, VGA, LVDS, Gigabit Ethernet, SATA 3.0, USB3.0, TPM, and eMMC

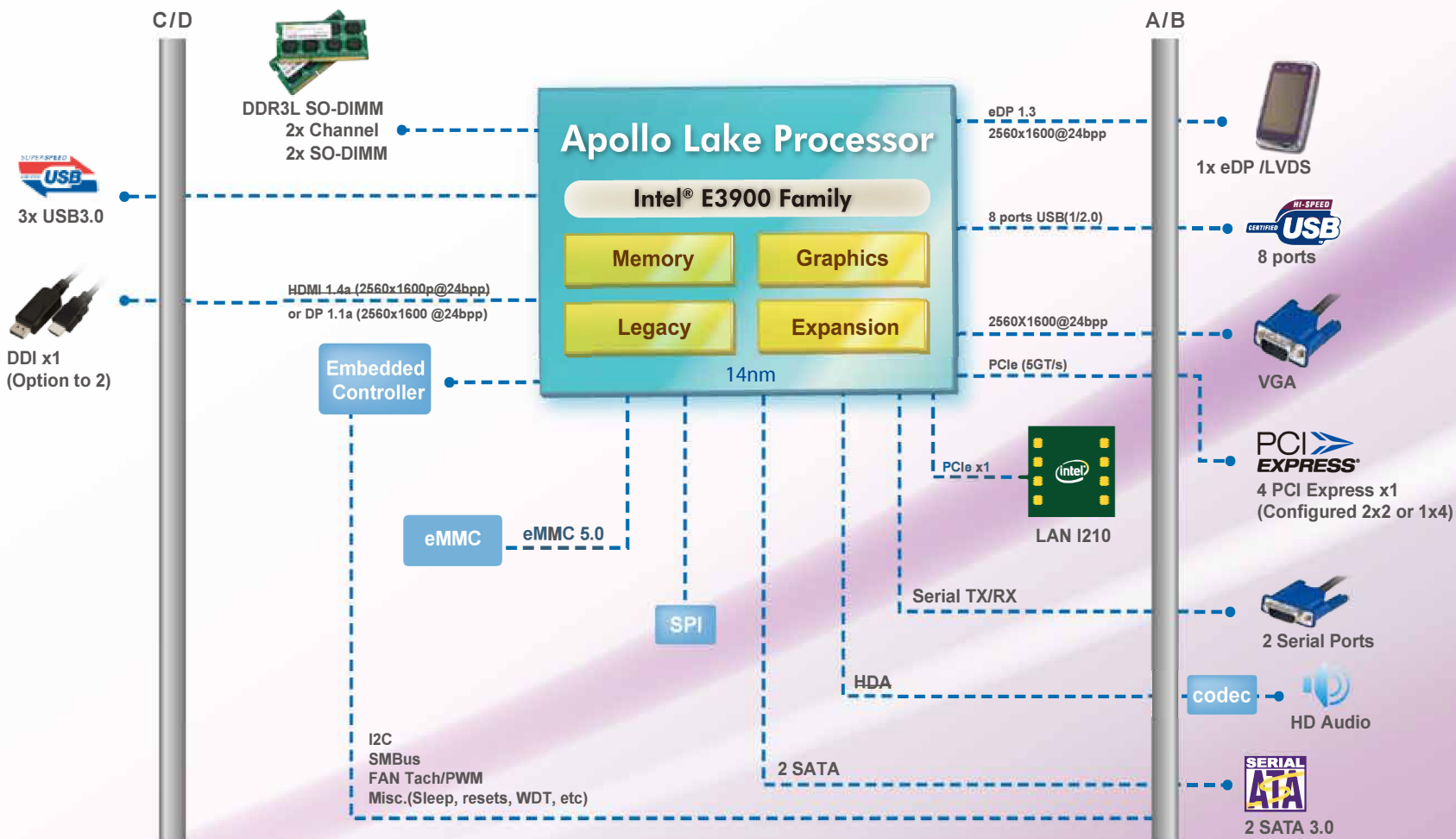
PCOM-B641VG, a Type 6 COM Express Compact (95mm x 95mm) module based on the 14nm Intel® Atom™ processor E3900 product family (6W~12W). The compact PCOM-B641VG COM Express module supports up to 32GB DDR3L 1600/1866 MT/s SDRAM on two 204-pin SODIMM sockets, making it faster than its predecessor.

FEATURES

- Intel® Atom™ E3900 Series ultra low power processor
- Support up to 32GB DDR3L 1600/1866 MT/s SDRAM on two 204-pin SODIMM sockets
- Support VGA, LVDS and Display-port interface
- Support USB 2.0/ 3.0, SATA, 4 PCIE x1 or 1 PCIEx4
- Support eMMC storage, and I2C/Smart Battery function
- Support wide-temp

ORDERING GUIDE

AB1-3E08Z	PCOM-B641VG,TYPE VI,Apollo-Lake,Basic Form Factor,Com Express Module,Non-ECC,DDR3L
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Processor Core

- ◆ Intel® Atom-X5-E3930
- ◆ Intel® Atom-X5-E3940
- ◆ Intel® Atom-X7-E3950

Highlights

- ◆ Wide-Temp Support
- ◆ On Board eMMC Support
- ◆ TPM Support

Memory

- ◆ DDR3L x2 Dimms
- ◆ 2 Channels
- ◆ Up to 32GB

Platform Thermal Design Power

CPU	X5-E3930	X5-E3940	X5-E3950
Core Frequency	2 1.8Ghz	4 1.8Ghz	4 2.0Ghz
Watt	6W	9W	12W