

PCOM-B635VG



Data protection is more and more important in real world since big data rising. Portwell adopt new Intel platform to provide highest secure logic. It help customer earn trust and business by securing important information anytime.



Intel® 5th Generation Core™ i7/i5/i3 processor based on Type VI Basic-COM Express 2.0 module with DDR3L ECC SDRAM on Dual SO-DIMM slots, VGA, Display-port, Gigabit Ethernet, SATA and USB



The basic PCOM-B635VG COM Express module supports up to 16GB ECC DDR3L 1333/1600 MT/s SDRAM on two 204-pin SO-DIMM sockets making it faster than its predecessor. Its expansion interface supports one PCI Express x16 Gen3 (8.0GT/s) with three controllers integrated into processor for enhanced video performance and enhance capabilities to be configurable to 2 x8-lane or 1 x8-lane and 2 x4-lane PCI Express ports.

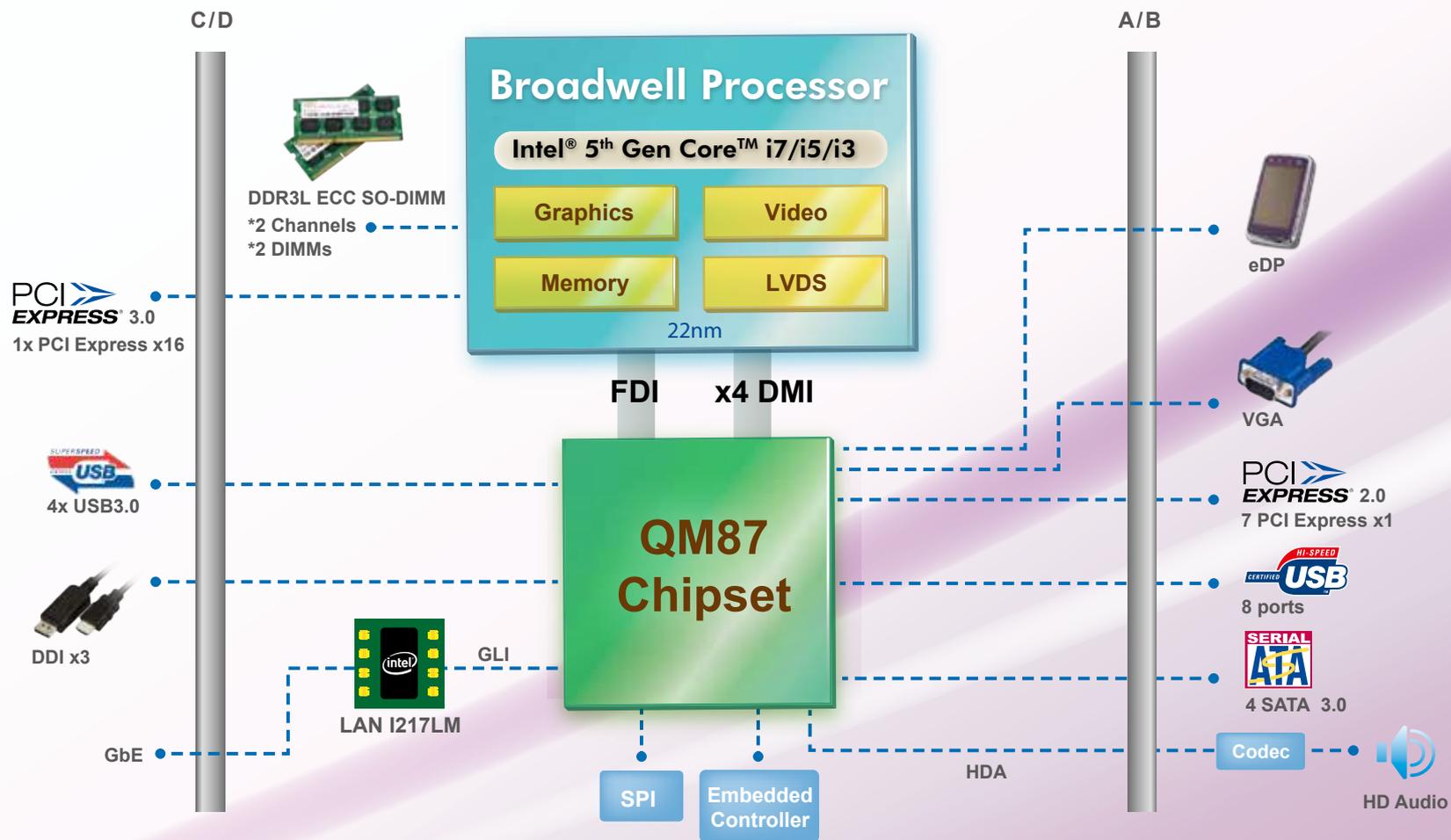
The module supports three independent displays, DP (Display Port), HDMI or DVI and VGA with up to double greater 3D performance compared to its previous generation.

FEATURES

- Intel® 5th Generation Core™ i7, i5 and i3 Processors
- Support DDR3L-1600/1333 ECC SDRAM on two SO-DIMM slots, up to 16GB
- One VGA, three Display-port and one embedded Display port.
- Support USB 2.0/ 3.0, SATA, 7 PCIE x1 and 1 PCIE x16
- Wide voltage support, from 6V to 18V

ORDERING GUIDE

AB1-3C53	PCOM-B635VG. TYPE VI. Basic Form Factor.COM Express Module.Broadwell/PCH
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Processor Core

- ◆ Intel® 5th Generation Core™ i7/i5/i3 processor to 6MB Cache
- ◆ SMT:4~8 threads/core
- ◆ Turbo Mode

Highlights

- ◆ GT3 Graphic with eDRAM
- ◆ Integrated Native PCIe x16 Gen3
- ◆ 25% lower TDP than previous version

Memory

- ◆ DDR3L - 1600 MT/s
- ◆ 2 Memory Channels

Platform Thermal Design Power

	i7/GT3	i7/GT2
CPU	47W	47W
PCH	QM87 2.7W	QM87 2.7W
Watt	49.7W	49.7W