

PCOM-B638VG

Comparing to the previous generation, the Skylake-U can provide not only flexible performance power with efficient energy usage and real time CPU computing, but also more powerful and longer battery life. The enhanced Graphic performance and High Speed I/O can give customers better PCIe and SATA speed. The DDR4 support brings more performance too.



Intel® Skylake-U Core™ i7/i5/i3 processor based on Type VI Compact-COM Express 2.0 module with DDR4 SDRAM on SO-DIMM slot, VGA, LVDS, Display-port, Gigabit Ethernet, PCIE, SATA, USB, OTG, and eMMC

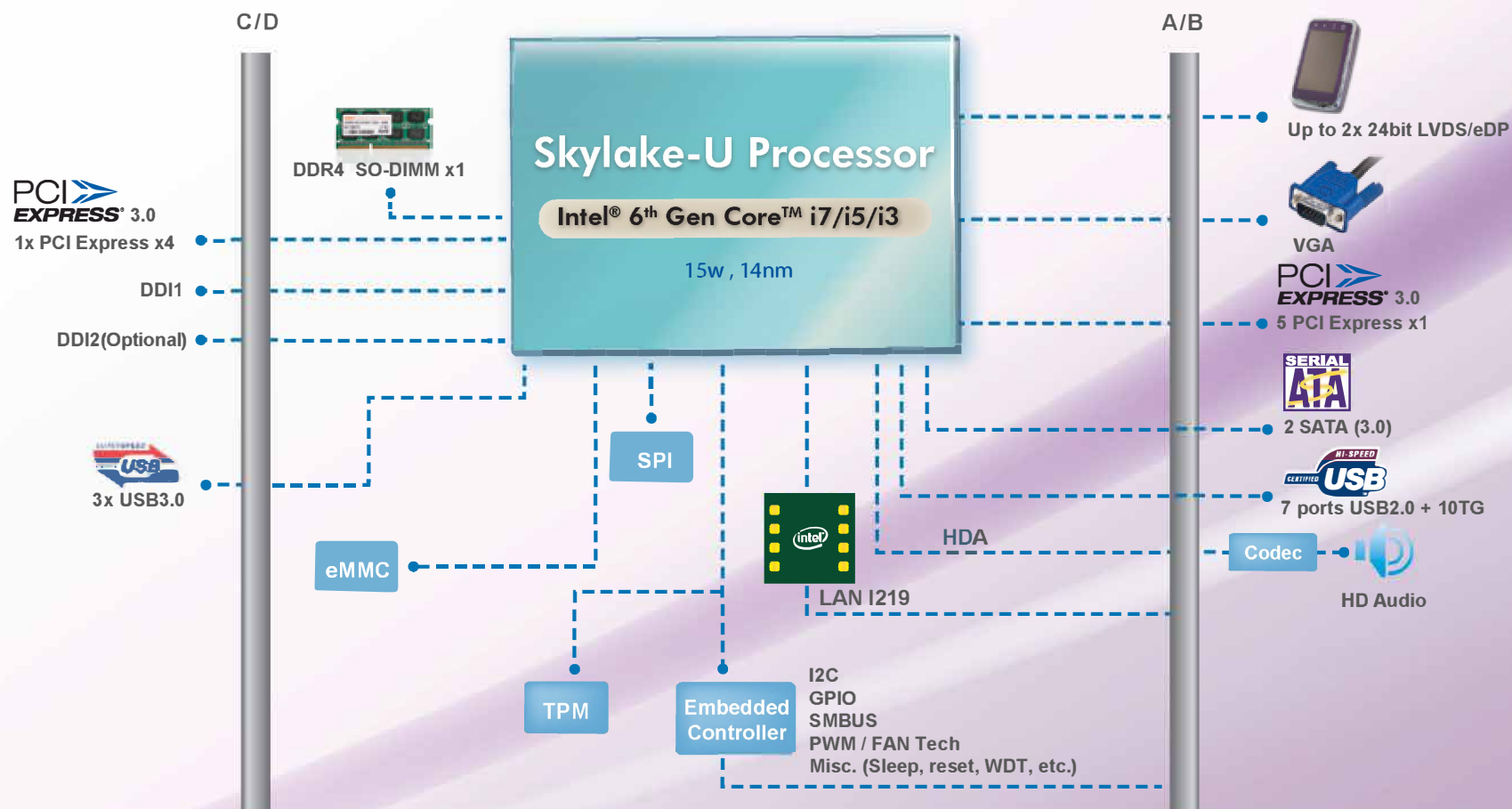
PCOM-B638VG brings three important factors, DDR4 memory support, Gen3 PCIe support, and 30% faster graphic performance. The Gen3 PCIe support provides faster PCIe speed so that the performance of PCIe expansion card will be better. It is crucial for Networking and Medical related applications. The enhanced graphic performance brings 4K support. The OTG and eMMC support give customer more flexibilities on developing new applications in different usages

FEATURES

- Skylake-U is the 6th Generation Intel® Core™ Processor with 14nm and brand new architecture provide more performance.
- Seek for low profile solution but with high performance and low power
- Support faster I/O interfaces on Five PCI Express Gen3 lanes (four x 1 can be configured to one x4 lane)

ORDERING GUIDE

Contact us	PCOM-B638VG.TYPE VI.Skylake-U.Compact Form Factor.Com Express Module.DDR4
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Processor Core

- ◆ Skylake-U is the 6th Generation Intel® Core Processor with 14nm
- ◆ Turbo mode
- ◆ SMT: 2~4 threads/core

Highlights

- ◆ DDR 4 memory support
- ◆ Gen 3 PCIe support
- ◆ eMMC and OTG support

Memory

- ◆ DDR4-2133
- ◆ 1 channel
- ◆ up to 16GB in 1 SO-DIMM

Platform Thermal Design Power

CPU	i7-6600U	i5-6300U	i3-6100U
W _{att}	15W	15W	15W