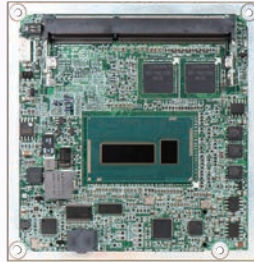


PCOM-B633VG

Flexible performance power can provide efficient energy usage and real time CPU computing. It can make portable more powerful and longer system life with battery. With excellent EMC and thermal design, the system can work anywhere



Intel® Broadwell-ULT Core™ i7/i5/i3 processor based on Type VI Compact COM Express® Rev 2.1 module with DDR3L SDRAM on SO-DIMM slots, VGA, LVDS, Display-port, Gigabit Ethernet, PCIe, SATA and USB

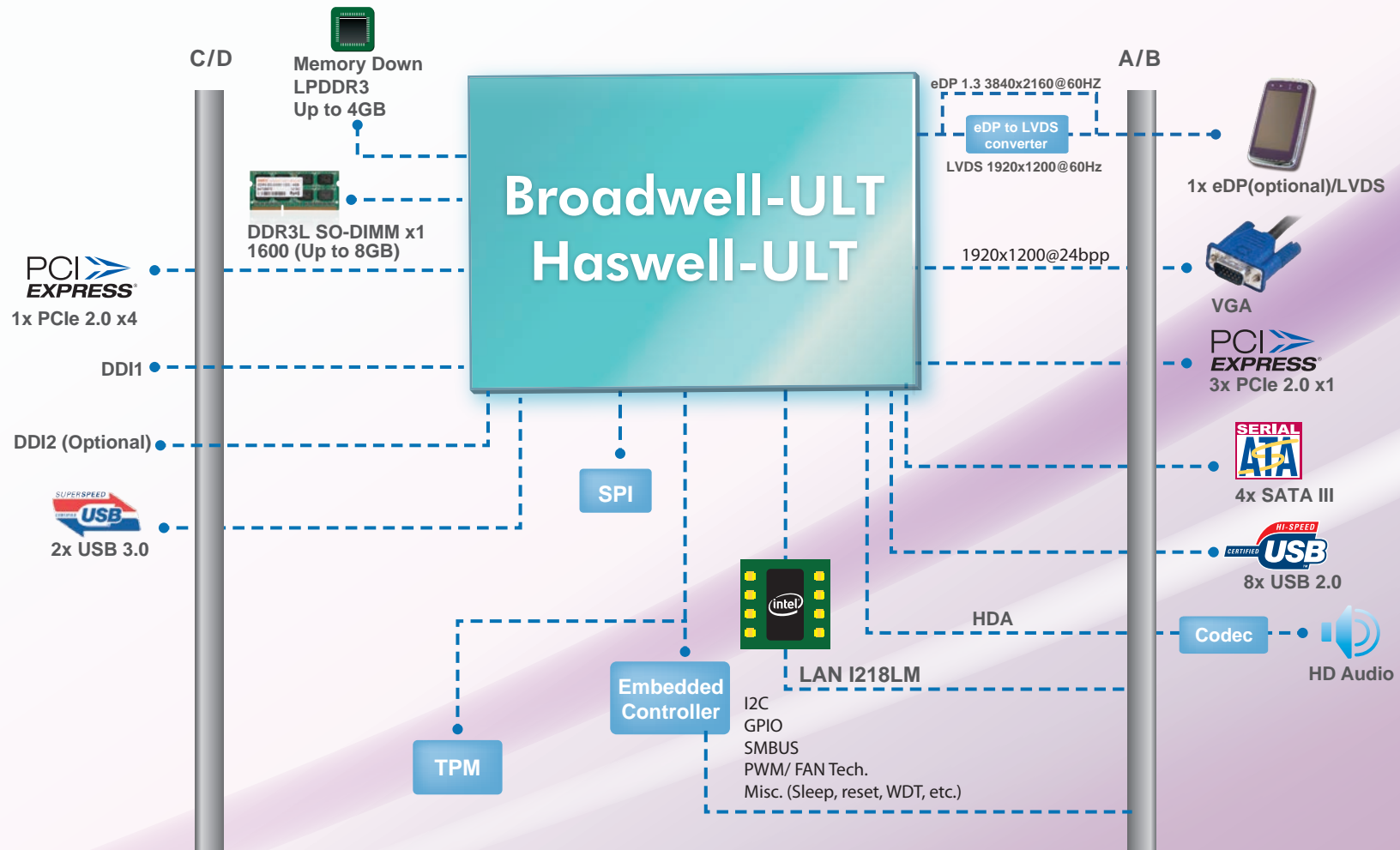
Portwell PCOM-B633VG is designed with Intel® Broadwell-ULT Core™ i7/i5/i3 ultra low power processor with turbo-boost, SOL, IDER, iAMT 10.0 remote control which offer high speed and accurate responses suitable for medical healthcare systems and military applications.

FEATURES

- Intel® 5th Generation Core™ i7, i5 and i3 Processors ULT
- Support DDR3L-1600/1333MT/s SDRAM on SO-DIMM slots, up to 8GB
- Support DDR3L memory-down, up to 4GB
- Support VGA, LVDS and Display-port interface
- Support USB 2.0/3.0, 4x SATA III, 4x PCIe 2.0 x1 and 1x PCIe 2.0 x4

ORDERING GUIDE

AB1-3C62	(R).PCOM-B633VG-5650U.TYPE VI. Compact COM Express Module.i7- 5650U, VGA/LVDS/Display-ports
AB1-3C61	(R).PCOM-B633VG-5350U.TYPE VI. Compact COM Express Module.i5- 5350U, VGA/LVDS/Display-ports
AB1-3C60	(R).PCOM-B633VG-5010U.TYPE VI. Compact COM Express Module.i3- 5010U, VGA/LVDS/Display-ports
AB1-3C39	(R).PCOM-B633VG-4650U.TYPE VI. Compact COM Express Module. i7-4650U, VGA/LVDS/Display-ports
AB1-3C58	(R).PCOM-B633VG-4300U.TYPE VI. Compact COM Express Module. i5-4300U, VGA/LVDS/Display-ports
AB1-3C59	(R).PCOM-B633VG-4010U.TYPE VI. Compact COM Express Module. i3-4010U, VGA/LVDS/Display-ports
AB1-3C38	(R).PCOM-B633VG-2980U.TYPE VI. Compact COM Express Module. Celeron 2980U, VGA/LVDS/ Display-ports



Processor Core

- ◆ Intel® 5650U/5350U/5010U
- ◆ Dual Cores
- ◆ 3MB ~ 4MB L2 Cache
- ◆ SMT: w threads/core
- ◆ Turbo mode

Highlights

- ◆ Surround grounding design
- ◆ Integrated Native PCIe x1 and x4
- ◆ VGA/LVDS/DDI support

Memory

- ◆ DDR3L 1600 MT/s
- ◆ 1 Memory Channel
- ◆ up to 8GB
- ◆ On-board LPDDR3 support
- ◆ up to 4GB

Platform Thermal Design Power

CPU	i7-5650U 2C 2.2Ghz	i5-5350U 2C 1.8Ghz	i3-5010U 2C 2.1Ghz
Watt	15W	15W	15W