

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 2.0 module with DDR3L SDRAM on SO-DIMM slots, VGA, LVDS, Display-port, Gigabit Ethernet, PCIE, SATA and USB

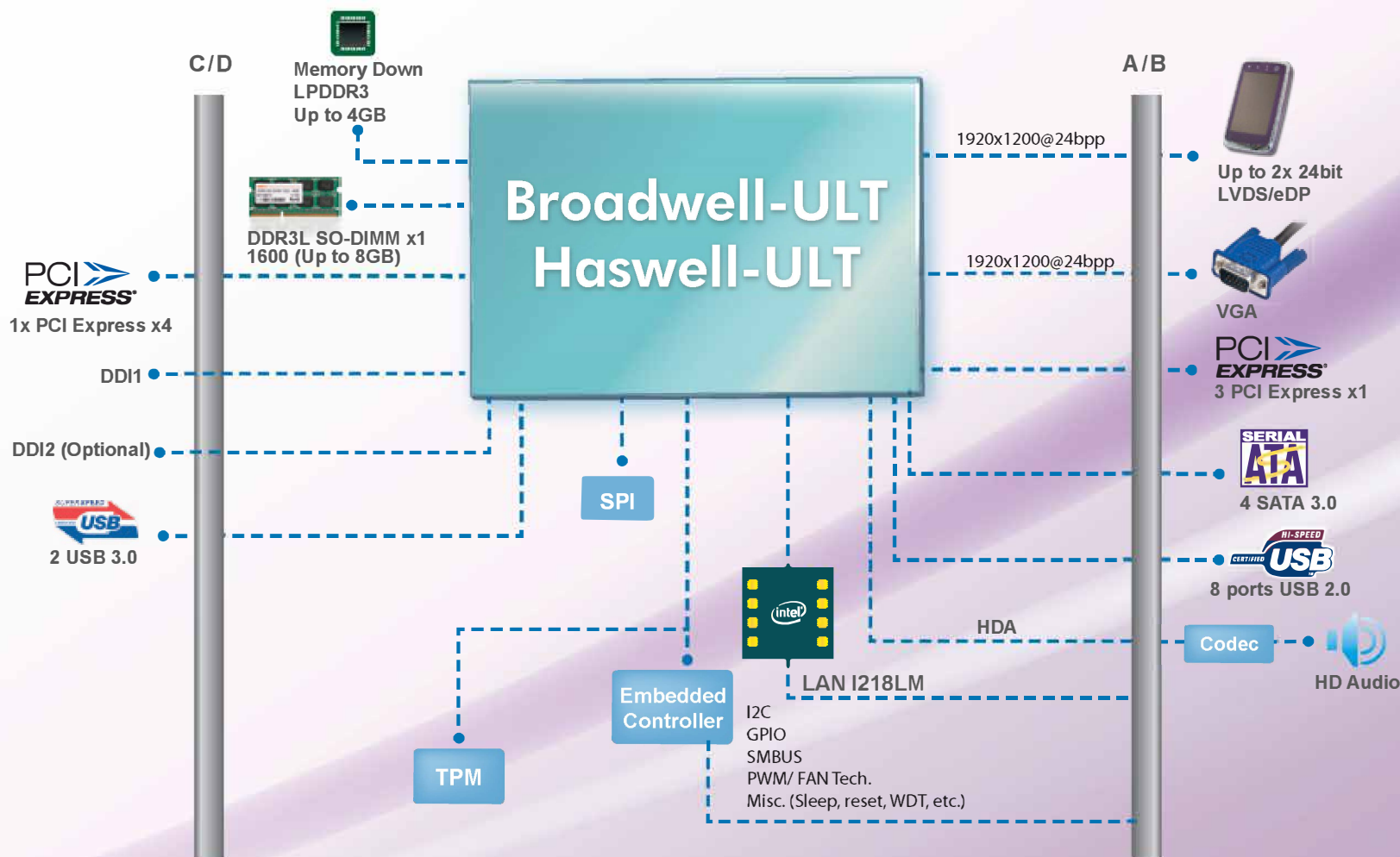
Portwell PCOM-B633VG is designed with Intel® Broadwell-ULT Core™ i7/i5/i3 ultra low power processor with turbo-boost, SOL, IDER, iAMT 10.0 remote control which offer high speed and accurate responses suitable for medical healthcare systems and military seeker.

FEATURES

- Intel® 5th Generation Core™ i7, i5 and i3 Processors ULTSupports DDR3L-1333/1600
- Support DDR3L-1600/1333 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, SATA, 4 PCIE x1 and 1 PCIe4

ORDERING GUIDE

AB1-3C62Z	PCOM-B633VG-5650U.TYPE VI. Compact COM Express Module.i7- 5650U, VGA/LVDS/Display-ports
AB1-3C61Z	PCOM-B633VG-5350U.TYPE VI. Compact COM Express Module.i5- 5350U, VGA/LVDS/Display-ports
AB1-3C60Z	PCOM-B633VG-5010U.TYPE VI. Compact COM Express Module.i3- 5010U, VGA/LVDS/Display-ports
AB1-3C39Z	PCOM-B633VG-4650U.TYPE VI. Compact COM Express Module. i7-4650U, VGA/LVDS/Display-ports
AB1-3C58Z	PCOM-B633VG-4300U.TYPE VI. Compact COM Express Module. i5-4300U, VGA/LVDS/Display-ports
AB1-3C59Z	PCOM-B633VG-4010U.TYPE VI. Compact COM Express Module. i3-4010U, VGA/LVDS/Display-ports
AB1-3C38Z	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-1600Mhz
- ◆ 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