

# PCOM-B634

In the time of Big data, the most important business is that data analysis. Portwell provide highest CPU computing power by Intel new Xeon on COM-Express module. By new thermal solution, the system can keep working 24x7 with PCOM-B634. It help customer get most important information in Big data.



Intel® new Generation Xeon processor based on Type VI Basic-COM Express 2.0 module with DDR4 ECC SDRAM on Dual SO-DIMM slots, VGA, LVDS, Gigabit Ethernet, SATA and USB

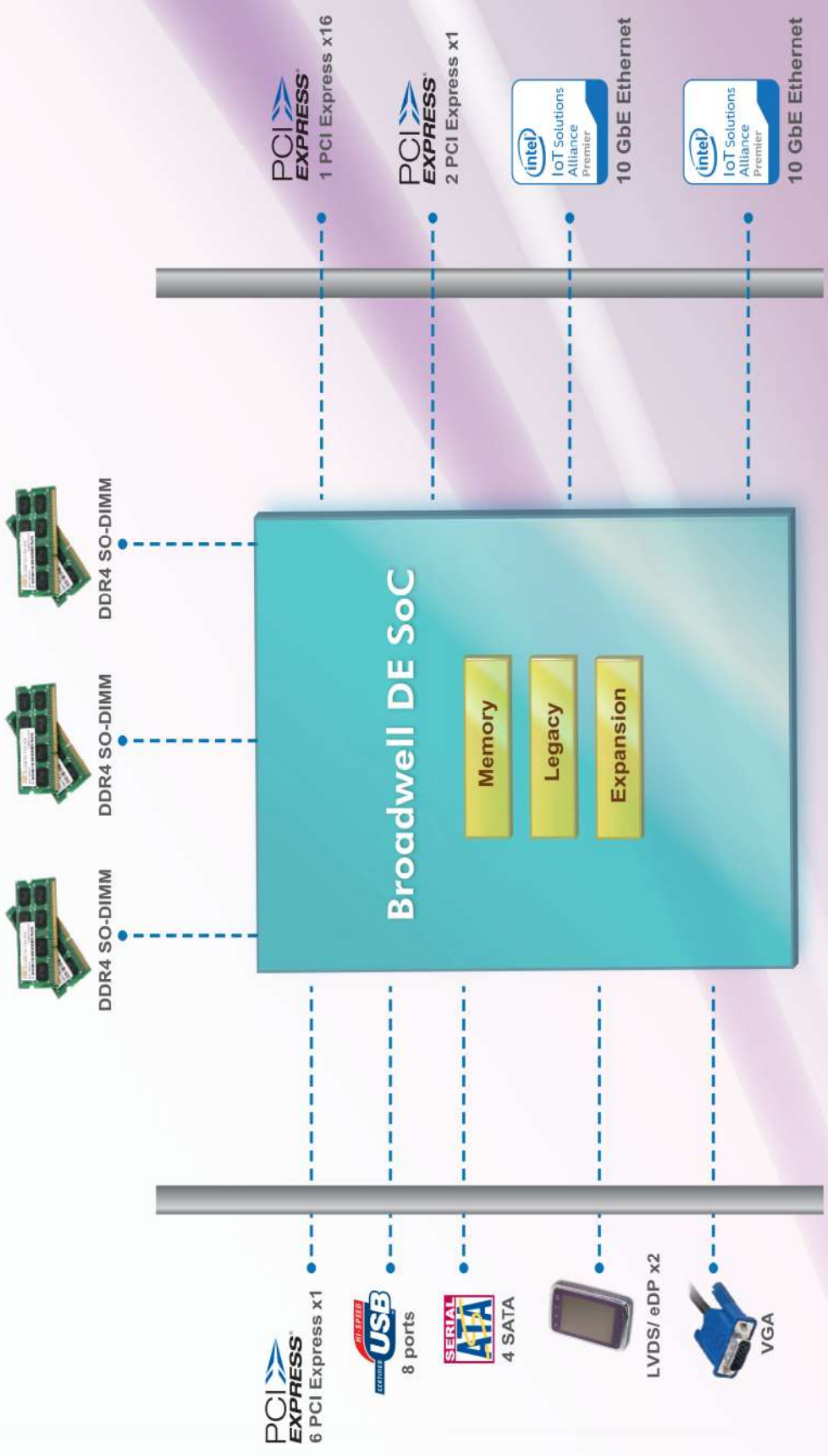
Portwell PCOM-B634VG is designed with Intel® new XEON processor with 8 CPU cores, 10GbE Ethernet KR/KX4 interface and DDR4 ECC SO-Dimm support which provide high CPU computing, excellent Ethernet performance. Extend PCIe Gen3 ports in PCOM-B634 can support high speed IO card for more application. With VGA and legacy interface support, customer can upgrade system easy and fast.

## FEATURES

- Intel® new Generation Xeon Processors on 14nm process
- Support DDR4-2133/1600 ECC SDRAM on two SO-DIMM slots, up to 16GB
- One VGA and LVDS, 10GbE interface
- Support USB 2.0/ 3.0, SATA Gen 3.0, 7 PCIe x1 Gen 2.0 and 1 PCIe x16 Gen 3.0

## ORDERING GUIDE

|           |   |
|-----------|---|
| ABI-3C91Z | PCOM-B634VG.  |
|           | TYPE VI. Basic Form Factor.COM ExpressModule.<br>Broadwell-DE/PCH |



### Platform Thermal Design Power

|  |                        |  |                        |  |                        |
|--|------------------------|--|------------------------|--|------------------------|
|  | <b>New Xeon</b><br>35W |  | <b>New Xeon</b><br>20W |  | <b>New Xeon</b><br>15W |
|  | <b>Watt</b>            |  | <b>Watt</b>            |  | <b>Watt</b>            |

### Memory

- ◆ DDR4 ECC SO-Dimm
- ◆ 2 Memory Channel

### Highlights

- ◆ Support 10GbE XGMII
- ◆ Support VGA/HDMI Display
- ◆ Support 3 DDR4 ECC SO-Dimm slots

### Processor Core

- ◆ Intel® New Xeon
- ◆ Up to 8 CPU Cores
- ◆ Optional for Wide-temperaur