ACM-B6360
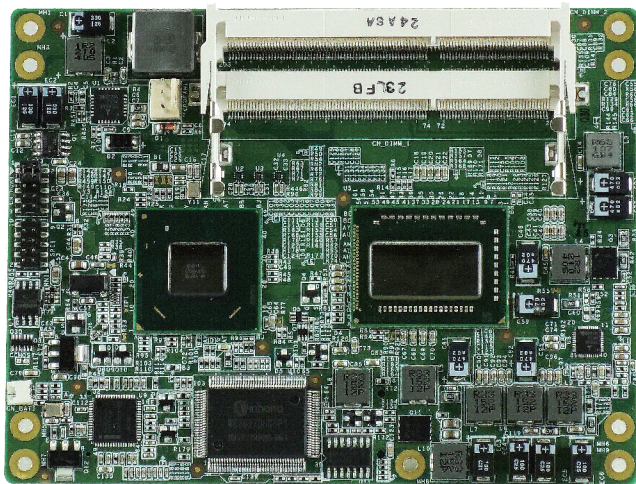
COM Express Intel QM77 Basic Type 6 Module

Com Express

Features

- Newest platform and highest performance COM Express Basic Type 6
- The 3rd generation Intel Core platform + Intel QM77 Chipset
- Intel Core i7-3615QE processor
- Two 204-pin SO ECC-DIMM sockets support DDR3 SDRAM, up to 16GB

CE FC

USB 3.0 **Digital I/O** `0101 1010`

Specification

System	
CPU	Intel Core i7-3615QE (Quad Core, 2.3GHz, 6MB L2 cache, TDP 45W)
Chipset	Intel 7 Series Mobile Express Chipset, QM77 Chipset
Memory	Two 204-pin SO-DIMM support DDR3 1600/1333 SDRAM, with ECC, up to 16GB
BIOS	AMI
WatchDog Timer	Software programmable 1~255 sec.

Video (Support by Carrier Board)	
Graphic Controller	Intel GMA integrated in Processor
Video Interface	• 1 x Analogic RGB Display Output, supports max resolution 2048 x1536@75Hz • 1 x Dual Channel LVDS Output • 2 x DisplayPort 1.1 Output • 1 x SDVO/DisplayPort 1.1 Output

Storage (Support by Carrier Board)	
SATA	• 2 x SATA III with 6Gb/s • 2 x SATA II with 3Gb/s

I/O (Support by Carrier Board)	
Ethernet Chip	Intel 82574L GbE LAN supports iAMT 8.0 and PXE Boot
Expansion Interface	• 1 x PCI-E x16 Gen.3 • 6 x PCI-E x1
Serial Interface	2 x COM port Interface (TX/RX only)
USB	4 x USB 3.0, 8 x USB 2.0
GPIO	8-bit Digital I/O, 4-bit DI and 4-bit DO
Audio Codec	Intel HD Audio Channel

Power Requirement	
Power Input	• 1 x 24-pin ATX Power Connector • 1 x 4-pin ATX 12V Power Connector
Power Consumption	TBD

Software	
OS Support	• Windows XP Professional 32 bit • Windows 7 32 / 64-bit • Fedora 14 32 / 64-bit • Ubuntu 10 32 / 64-bit

Mechanical & Environment	
Dimension	125 mm x 95 mm (4.92" x 3.74") x , COM Express Basic
Weight	TBD
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90%, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x ACM-B6360
- 1 x CD Title
- 1 x Quick Guide
- 5 x Screw For Carrier Board

Ordering Information

ACM-B6360i73615	Intel QM77 with Core i7-3615QE COM Express Basic Type 6 Module
ACM-B4080	ATX Carrier Board COM Express Module

Dimension

Specifications are subject to change without notice.