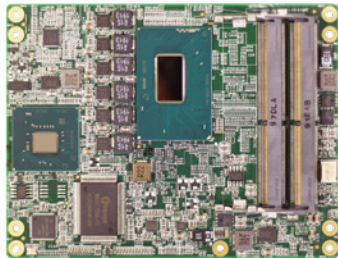


ACM-XE21B6

Intel Core i7 / Xeon COM Express Basic Type 6 Module



Features

- Newest platform and highest performance COM Express Basic Type 6
- The Intel CM246 Chipset
- Intel® Core™ i7- 9850HE/Xeon 2176M Processor
- Support Two DDR4 SODIMM , up to 64GB
- 24 PCI-e Lanes
- 1x GbE



Specification

System

CPU	Intel® Core™ i7-9850HE Processor (2.7GHz/4.4GHz ,6C/12T,9MB) Intel® Xeon E 2176M Processor (2.7GHz/4.4GHz ,6C/12T,12MB)
Chipset	Intel CM246
Memory	2 x 2666 DDR4 SODIMM up to 64GB
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec

Video(Support by Carrier Board)

Graphic Controller	Intel® UHD Graphics 630
Video Interface	1 x VGA DB15 Display Output,supports max resolution 2048 x 1536@75Hz 2 x DDI Port Output,supports max resolution up to 4096x2304@60Hz

Storage (Support by Carrier Board)

SATA	• 4 x SATA III with 6Gb/s
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I/O (Support by Carrier Board)

Ethernet Chip	1 x Intel I210AT GbE Lan, supports PXE Boot
Expansion Interface	16 x PCI-e 3.0 Lanes • 1 x PCI-e 3.0 x16 (or 2 x PCI-e x 8)Select by Bios setting 8 x PCI-e 2.0 Lanes • 6 x PCI-e 2.0 x1(AB connector) • 2 x PCI-e 2.0 x1(CD connector)
Serial Interface	2 x COM port Interface (TX/RX only)
USB	4 x USB 3.1, 8 x USB 2.0
GPIO	8-bit Digital I/O, 4-bit DI and 4-bit DO
Audio Codec	Intel High Definition Audio

Software

OS Support	• Linux Kernel 4.14 & above
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Mechanical & Environment

Dimension	125 mm x 95 mm (4.92" x 3.74") 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 compliant

Packing List

- 1 x ACM-XE21B6
- 1 x CD Title
- 1 x Quick Guide

Ordering Information

ACM-XE21B6 A1	Intel Xeon E 2176M, COM Express Type 6 Basic
ACM-XE21B6 A2	Intel core i7 9850HE, COM Express Type 6 Basic

Dimension

