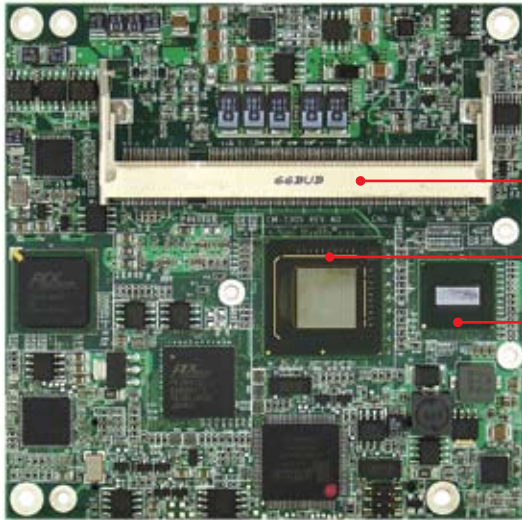


CM-7305 NEW

Intel® Atom™ Z5xx Series Processor COM Express Module with 2 PCI-E, 6 USB, GbE, LVDS, SDVO, IDE, PCI, 2 SATA



DDRII SODIMM socket

Intel SCH US15W

Intel Atom Z5xx processor

Features:

- Ultra low power consumption
- Embedded Intel® Atom™ processor Z5xx series
- Intel® System Controller Hub US15W
- One DDRII SO-DIMM socket supports 533/400MHz up to 2GB memory
- Supports SDVO and 24-bit LVDS interface One Gigabit Ethernet or one Fast Ethernet
- Support COM Express standard feature
- (USB, SATA, ATA, HDA)

System

CPU	Intel® Atom™ processor Z5xx series Onboard Z530 SC 1.6GHz FSB 533MHz Z510 SC 1.1GHz FSB 400MHz
BIOS	AMI® BIOS
System Chipset	Intel® System Controller Hub US15W
System Memory	1 x 200-pin DDRII socket supports 533/400 max. up to 2GB w/o ECC registered
Expansion Interface	Two PCI-Express x1 PCI 2.3 32-bits 33MHz
Battery	Lithium 3V/200MAH

I/O

I/O Interface	2 x SATA, 1 x Ultra ATA100/66, 1 x SDIO w/SD card slot, 1 x LPC & I2C bus
USB	6 x USB ports, USB 2.0 compliant (5 USB host, 1 USB client)
Audio	High definition audio interface

Ethernet

Chipset	One Intel® 82574L, PCI-E x1 interface or One ASIX AX88772A, USB interface
Speed	10/100/1000Mbps or 10/100Mbps
Standard	IEEE 802.3 10/100/1000 Mbps Compliant Physical Layer IEEE 802.3 10/100 Mbps Compliant Physical Layer

Display

Chipset	Intel® System Controller Hub US15W
Memory Size	Intel GMA 500
Resolution	LVDS mode:1366 x 768@85Hz
LCD/ LVDS Interface	24-bit TFT LCD

Mechanical and Environment

Form Factor	PICMG COM Express COMPACT form factor, pin-out type II
Dimension (L x W)	95mm (L) x 95mm (W) (3.8" L x 3.8" W)
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Operating Humidity	10% ~ 85 relative humidity, non-condensing
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Storage Humidity	5% ~ 95% relative humidity, non-condensing

Power

Power Supply Voltage	AT or ATX power, +12V ± 5%
Power Consumption	8~12W

Packing List

- 1 x CM-7305 SBC
- 1 x CD (Manual, Quick installation guide, Utility driver)
- 1 x TCM-7305-01 Heatsink

Ordering Information

Standard	
CM-7305A-160	Intel® Atom™ 1.6GHz Z530 COM Express module with 2 PCI-E, 6 USB, GbE, LVDS, SDVO, IDE, PCI, 2 SATA
CM-7305A-110	Intel® Atom™ 1.1GHz Z510 COM Express module with 2 PCI-E, 6 USB, GbE, LVDS, SDVO, IDE, PCI, 2 SATA
CM-7305B-110	Intel® Atom™ 1.1GHz Z510 COM Express module with 2 PCI-E, 6 USB, FE, LVDS, SDVO, IDE
Optional	
BB-108	COM Express evaluation ATX baseboard
IP-90340	HD audio card w/Mic, Line in, Line out
R140B	SDVO to CRT card

* Note : All specifications are subject to change without prior notice