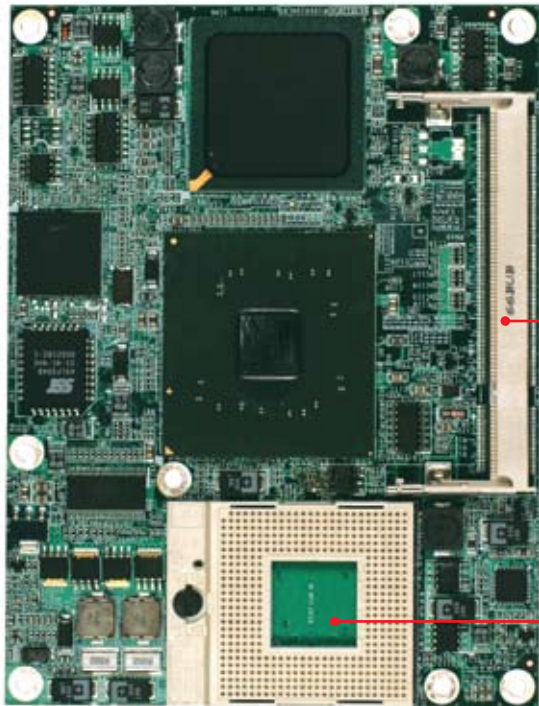


CM-7310 NEW

Intel® Pentium® M/ Celeron® M COM Express Module with CRT/24-bit LVDS, LAN & Audio



DDRII SO-DIMM

Socket 479

Features:

- Intel® Pentium® M / Celeron® M processors
- Intel® 915GME with ICH6M chipset
- PICMG COM Express R1.0 compliant
- One DDRII SO-DIMM socket
- Intel® 82573L GbE Ethernet interface
- Flexible PCI-Express and PCI expansion
- Integrated Graphic support: dual SDVO, Analog VGA, 24-bit LVDS, TV-Out interface
- Supports COM Express standard features (USB, SATA, ATA, GPIO, AC97)
- RoHS compliant
- Basic form factor (95mm x 125mm), pin-out type II

System	
CPU	Socket 479 to support Intel® Pentium® M/ Celeron® M , 400/533MHz FSB or Onboard Celeron® M 600MHz with 512KB cache
BIOS	Award® 512KB Flash BIOS
System Chipset	Intel® 915GME, ICH6M
System Memory	1 x 200pin DDRII SO-DIMM socket supports 400/533MHz memory max. up to 1GB w/o ECC registered
Watchdog Timer	255 levels timer interval, (1 ~ 255 seconds), setup by software. Jumper set up for system reset or IRQ
System Monitoring	Built-in 915GME chipset, supports dual independent displays
Expansion Interface	3 x PCI 2.3 32-bit 33MHz, supports up to two Req/Gnt pairs

I/O	
I/O Chipset	Winbond® 83627HG supported by BIOS
I/O Interface	2 x SATA, 1 x LPC & 12C bus, 8 x GPIO
USB	8 x USB ports, USB 2.0/1.1 compliant
Audio	AC 97 high definition Audio via ICH6M I/O Hub

Ethernet	
Chipset	Intel® 82573L
Ethernet Interface	IEEE 802.3 GbE Compliant physical layer

Display	
Chipset	Built-in 915GME chipset supports dual independent displays
Features	Dual SDVO, dual 24-bit LVDS channels, Analog VGA and TV-out
External Expansion	Supports PCI-Express x 16 graphic port
Memory Size	1/4/8/16/32/64MB
Resolution	CRT display mode: up to 2048 x 1536 LCD display mode: up to 1600 x 1200
LCD Interface	LVDS
LVDS Interface	Dual 24-bit LVDS

Mechanical and Environment	
Form Factor	PICMG COM Express basic form factor, pin-out type II
Dimension (L x W)	95mm (L) x 125mm (W) (3.8" L x 5" W)
Power Supply Voltage	+12V
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Operating Humidity	10% ~ 90% relative humidity, non-condensing
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Storage Humidity	5% ~ 95% relative humidity, non-condensing

Packing List	
•	1 x CM-7310 SBC
•	1 x CD (Manual, Quick installation guide, Utility driver)

Ordering Information	
Standard	
CM-7310A	Intel® 915GME COM Express module with socket 479, CRT/24-bit LVDS, LAN, Audio
CM-7310B	Intel® 915GME COM Express module with onboard Celeron® M 600MHz (512KB cache), CRT/24-bit LVDS, LAN, Audio

Optional	
HS1 for onboard CPU	
39L-C36TRS-00	Screw + type M3*0.5*L5(Ni)/ RoHS
39L-C47TRS-00	3*10 screw I type (Ni)/RoHS
39L-PAD005-00	PAD K2.2 H48-2 T1.0 (18*18mm)/ RoHS
42L-HS0109-00	Heatsink (35 x35 x2.5mm)/ RoHS
42L-HS0104-02	Heatsink (125 x 72.1 x 28.5mm)/ RoHS w/ socket
HS2 for socket type CPU	
39-C47TRS-00	3*10 screw I type (Ni)/ RoHS
39L-PAD005-00	PAD K2.2 H48-2 T1.0 (18*18mm)/ RoHS
42L-HS0104-02	Heatsink (125 x 72.1 x 28.5mm) /RoHS for w/socket

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