

i-SIB



Intel® 32/45nm Core™ i7/i5/i3 rPGA988 CPUs With Graphic& Memory Controller

Fanless Design CPU TDP < 35W, Intel® Core™ i7-620M and i5-520M

204-Pin Dual-Channel DDR3 800/1066 MHz SODIMM x 2 (UpTo 8 GB)

Intel® Gen 6.0 Integrated Graphics Engine Supports MultipleDisplays with VGA, DVI, HDMI

Intel® 10/100/1000Base-TX x 2

Wide DC Power Input : 10V DC ~ 30V DC

The i-SIB adopts the Intel® Core™ i7/i5 Processor with the Intel® QM57 chipset. System memory features two DDR3 800/1066 SODIMM sockets supporting up to 8 GB. It offers two 10/100/1000Base-TX Ethernet LAN RJ-45 ports, four COM ports and eight USB2.0 ports. The i-SIB uses the Intel® Gen 6.0 integrated Graphics Engine and supports dual view by VGA, DVI, and HDMI. The i-SIB comes ready to run with the Operating System installed on a Compact Flash disk. Purchase an EMAC SIB and you should be up, running and building applications the first day. The i-SIB's combination of Fanless, High Performance graphics and an abundance of I/O make the i-SIB the ideal solution for Digital Signage, Kiosk, or any other graphics intensive embedded application. [Click Here for more information on EMAC's](#)

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[Processor.](#)

Intel® Core™ i7/i5/i3 w/ Graphic & Memory Controller

Clock Speed:

2.4 GHz

Real Time Clock:

Processor Misc.:

Fanless Design CPU TDP < 35W, Intel® Core™ i7-620M and i5-520M

Memory
RAM type:

204-Pin Dual-Channel DDR3 800/1066 MHz SODIMM x 2 (UpTo 8 GB)

Primary I/O
GPIO:

8-bit GPIO

Video Out:

CRT/LCD 128MB

Audio:

Audio line-in

line-out

mic-in

Ethernet:

Dual 10/100/1000Base-TX

USB:

8 USB 2.0 (Full Speed) Host ports

Serial Ports:

3 RS232

1 RS232/485

Watchdog:

Secondary I/O
LPT Port:

Keypad:

PS/2:

Expansion
Bus:

Mini PCIe

Analog
A/D:

D/A:

Dimensions
Dimensions:

8.27 × 11.22 × 2.95 in

Weight:

5100 g

Dimensions Misc.:

Mounting: Desk/Wall mount

Power Requirements
Power Misc.:

Wide DC Power Input: 10V DC ~ 30V DC

Power Consumption: 70W

Power draw at 12V: 5.83A

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

45 C

Pricing

SIB-00100
I-SIB W/ I5 CPU, 4GB DDR3, 4x COM, 8x USB, 2x GBE, 4GB CF

\$1,516.00

Parent Product:

SIB-00110

I-SIB W/ I7 CPU, 4GB DDR3, 4x COM, 8x USB, 2x GBE, 4GB CF

\$1,647.00

Parent Product:

Power Supply:

Optional Power Supply 12V@ 7A 84W

Power Adapters:

PER-PWR-00100

I-SIB 84W, AC.100/240V.12V/7A power adapter

\$52.00

Cables & Adapters:

CAB-80-020

C5 US cord "Mickey Mouse" three round.

\$8.00

Disk Interface:

2.5

Wireless:

Optional Internal Wireless Mini-PCIe 802.11b/g card

Source URL: <https://www.emacinc.com/content/i-sib>