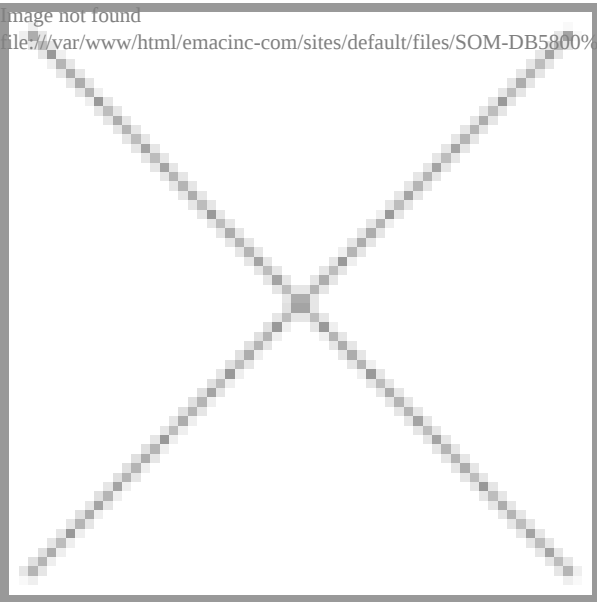


SOM-DB5800

image not found
file:///var/www/html/emacinc-com/sites/default/files/SOM-DB5800%20A2_Front_G20130802085452.gif



Compatible Models- Advantech COM Express Basic Modules (125 x 95 mm), COM Express COMpact Modules (95 x 95 mm) and COM Express Mini (84 x 55mm)

LVDS- 18/24-bit single or dual channel

VGA- 1 (D-SUB 15P Female)

HDMI/DP- Up to 3 ports (Expand by SOM-EA20)

Ethernet- 1 Giga LAN

Chipset- Realtek ALC892 HD Audio (Line-in, Line-out, MIC, SPDIF)

PCIe slot- 1 PCIe x16 slot/1 PCIe x4 slot/1 PCIe x 1 slot

Mini-PCIe socket- 1

Express Card slot- 2

LPC connector- 1

SATA- 4 (Type B)

USB- 4 USB 2.0 host, include 1 USB Client, 4 USB 3.0

Serial- 4 COM ports, 1 RS-232 (D-SUB 9P), 1 RS-232/422/485, 2 2-Wire RS-232

KB/MS- 1

LPT- 1 (D-SUB 15P)

GPIO- 8

SDIO

1 (Mux with GPIO)

SMBus- 1

12C-1

SPI- 1

Fan- 2 (1 from Module support iManager Smart Fan)

Port 80- 1

TPM- 1

Power Type- ATX/ AT modes

Operating Temperature- 0 ~ 60 C

Humidity- Operating: 40 C @ 95% relative humidity, non-condensing, Storage: 60 C @ 95% relative humidity, non-condensing

The SOM-DB5800 is versatile SOM Carrier/Socket board ideal for evaluation and early development work. This Carrier is designed to work with all COM Express type SOMs. The SOM-DB5800 provides access to all the SOM's I/O through on-board connectors.

Although a good deal of customers will want a Carrier that is unique and is designed specifically for their application, the DB5800 when coupled with a COM Express SOM makes for a nice ATX compatible embedded PC.

Specifications

SOM Type:

COM Express Carrier Boards

Processor
Real Time Clock:

Primary I/O
GPIO,

8

SDIO:

1 - Mux with GPIO

SPI:

1

Ethernet:

1 Giga LAN

USB:

4 USB 2.0 host

include 1 USB client

4 USB 3.0

Serial Ports:

4x Serial Ports (1x RS-232 (D-SUB 9P)

1x RS-232/422/485

2x 2-Wire RS-232)

I2C:

1

Watchdog:

Secondary I/O
L1 + Port.

Keypad:

PS/2:

Analog on
A/D.

D/A:

Dimensions
Dimensions:

12 × 9.6 in

Form Factor:

ATX

Power Requirements
Power misc.:

Power Type- ATX/ AT modes

Operating Temperature- 0 ~ 60 C

Environmental
Environmental misc.:

Humidity- Operating: 40 C @ 95% relative humidity, non-condensing, Storage: 60 C @ 95% relative humidity, non-condensing

Pricing
SOM-DB5800-U0

SOM-DB5800-U0A2E, COM Express Type 10 ATX development board, 4x SATA, 4x COM, 4x USB3, 4x USB2, 1x GbE, 1x VGA, 1x
LVDS, HDMI/DP

\$445.00

Order:

0

Parent Product:

SOM-DB5800

Base Product:

SOM-DB5800

SOM-DB5800-00

SOM-DB5800-00A2E, COM Express Type 6 ATX development board, 4x SATA, 4x COM, 4x USB3, 4x USB2, 1x GbE, 1x VGA, 1x
LVDS, HDMI/DP

\$392.00

Order:

0

Parent Product:

SOM-DB5800

Base Product:

SOM-DB5800

Non-Stock NCNR:

0

Source URL: <https://www.emacinc.com/content/som-db5800-0>