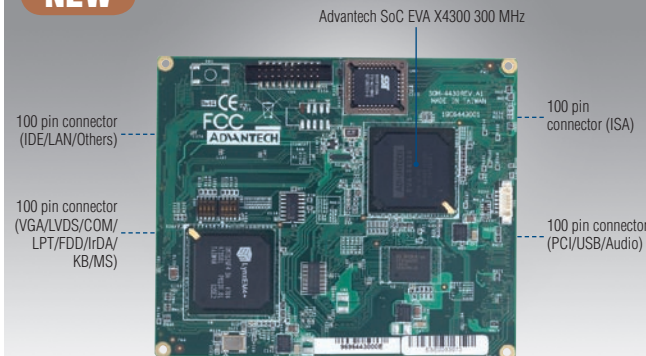


SOM-4430

Advantech SOC EVA X4300 ETX Module with CPU, VGA/LCD, USB & LAN

NEW



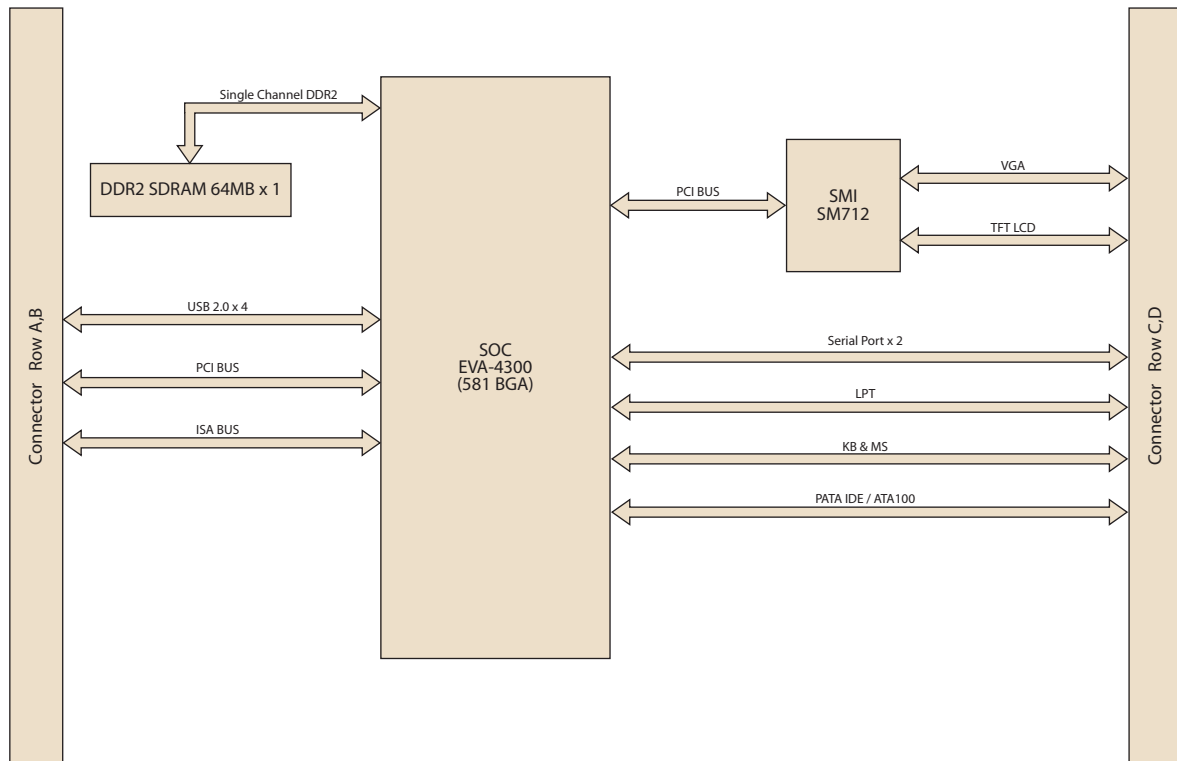
Features

- Cost effective entry-level solution
- Supports Advantech SOC EVA X4300 on board
- Supports TTL LCD
- 10/100 LAN / 4 USB 2.0/2 COM

Specifications

Processor System	CPU	Advantech SOC EVA X4300 300 MHz
	System Memory	Onboard 64/128 MB DDR2 Memory
	System Chipset	Advantech SOC EVA X4300
	BIOS	Advantech SOC EVA X4300 integrated BIOS
	WatchDog Timer	24 bits timer interval, from 30.5 μ sec to 512 sec, setup by software, jumperless selection, generates system reset
I/O	Expansion Interface	Support PCI & ISA interface
	MIO	1 x EIDE (UDMA 100), 2 x RS-232, 1 x LPT, PS/2 KB, MS
	USB	4 x USB 2.0 compliant ports
	Audio	N/A
Display	Chipset	SMI 712 Graphic chip
	Memory Size	4 MB
	Resolution	CRT Display Mode: Up to 1024 x 768 @ 24bit LCD Interface: 18bit TTL TFT LCD up to 1024 x 768
Environmental	Power Supply Voltage	+5 V only
	Power Requirement	Max: (64 MB DDR2 on board) +5 V @ 0.7A
	Operating Temperature	0 - 60° C (32 - 140° F)
	Operating Humidity	0% - 90% relative humidity, non-condensing
Mechanical	Dimensions (L x W)	95 x 114 mm (3.74" x 4.5")

Board Diagram



Ordering Information

Part No.	CPU	Memory
SOM-4430F-GDA1E	Advantech SOC EVA X4300 @ 300 MHz	64 MB on board
SOM-4430F-GEA1E	Advantech SOC EVA X4300 @ 300 MHz	128 MB on board

Development Board

Part No.	
SOM-DB4400-00A2E	Development Board for SOM-ETX Rev. A2