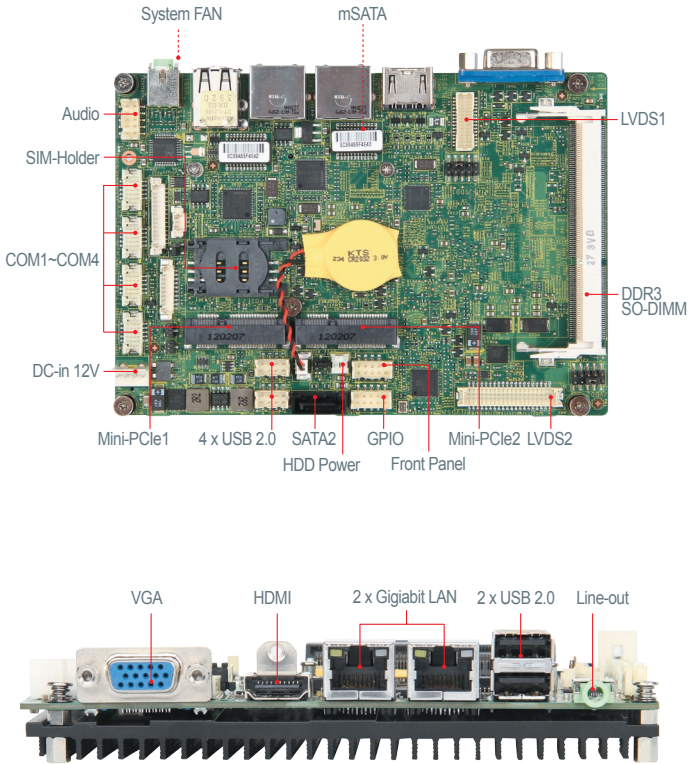


MS-9896 V1.0

Intel® Embedded Atom™ Cedar Trail 3.5" Fanless Solution for Low Power and High Performance

NEW



Features

- Support Intel D2550/N2800 Dual Core CPU to Maximize Performance
- Support DDR3-1066 SODIMM Memory up to 4GB
- Support HDMI and VGA and Dual-LVDS and Dual Intel GbE LAN
- Support Dual Mini-PCle, SATA2, mSATA, 4 COM, 6 USB 2.0
- Support DC-in Power 12V

Ordering Information

Part Number	Description
Coming soon	

Packing List

Part Number	Description
Coming soon	

Specification

Processor	CPU	Intel® Atom™ D2550/N2600/N2800 (Dual Core) Processor	
	CPU Type	Onboard	
	Front Side Bus	N/A	
	Chipset	Intel® NM10 Express	
Memory	BIOS	AMI 32Mbit SPI	
	Technology	Single Channel DDR3 1066MHz (Non-ECC)	
	Max. Capacity	Up to 4GB	
	Socket	1 x 204-pin SO-DIMM	
Display	Graphic Controller	Intel® GMA3650 Graphics	
	LVDS	2 x LVDS (LVDS1/LVDS2) LVDS1 Single Channel 18/24-bit (N2800 only Support 18-bit) LVDS2 Dual Channel 24-bit	
	eDP	N/A	
	VGA	Yes	
	DVI	N/A	
	HDMI	Yes	
	Display port	N/A	
	Display Mode	2 Independent Displays Supported VGA + LVDS1, VGA + HDMI, HDMI + LVDS1, LVDS1 + LVDS2	
	Ethernet	Controller	2 x Intel® 82583V GbE LAN
	Audio	Controller	Realtek® ALC887 HD Audio CODEC
Super I/O	Controller	Fintek F81866	
H/W Monitor	Watchdog Timer	255-level Watchdog Timer	
	Smart Fan	Yes	
TPM	Controller	N/A	
I/O Interfaces	USB	6 x USB 2.0 (2 x Rear, 4 x Internal)	
	Serial	4 x COM-ports (COM1~4 x Internal) COM1 RS-232/422/485, 0V/5V/12V COM2&3&4 RS-232, 0V/5V/12V	
	Parallel	N/A	
	PS/2	N/A	
	GPIO	8-bits (4 x GPI, 4 x GPO)	
	Expansion Slot	PCle x 16	N/A
	PCle x 4	N/A	
	PCle x 1	N/A	
	PCI	N/A	
	Mini-PCle	2 (One with SIM-Holder)	
Storage	SATA	1 x SATA2	
	IDE	N/A	
	eSATA	N/A	
	CFast	N/A	
	mSATA	1 x mSATA-slot	
	CompactFlash	N/A	
	Power Requirement	Power Adaptor	DC-in 12V
	Power Supply	N/A	
Environment	Operating Temperature	0 ~ 60°C	
	Operating Humidity	10 ~ 90%, non-condensing	
	Storage Temperature	-20 ~ 80°C	
	Storage Humidity	10 ~ 90%, non-condensing	
Form Factor	Dimensions	146mm x 102mm (3.5")	
	Weight	0.25 Kg	
Certification	EMC	FCC Class A, CE, C-Tick, VCCI, BSMI	