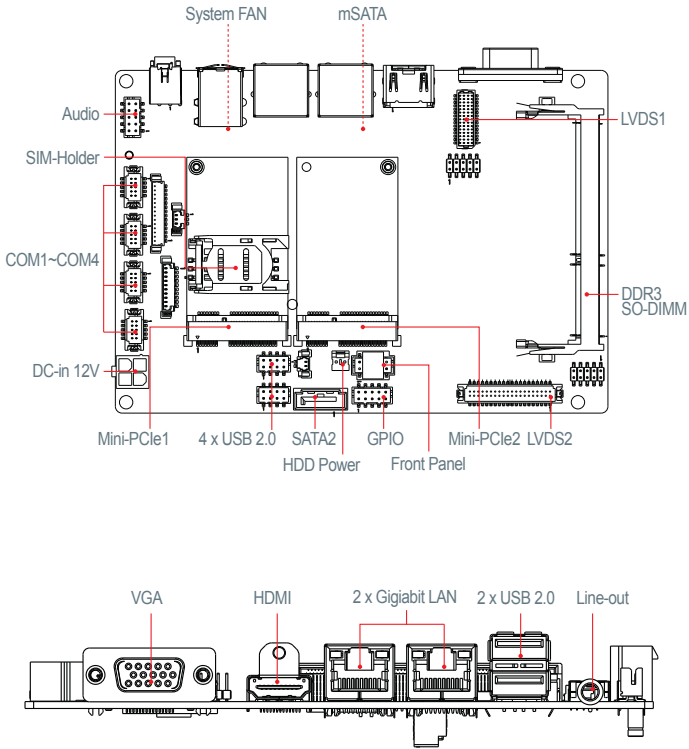


# MS-9896

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, CFast, 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

<b>Processor</b>	CPU	Intel® Atom™ D2550/N2800 (Dual Core) Processor
	CPU Type	Onboard
	Front Side Bus	N/A
	Chipset	Intel® NM10 Express
	BIOS	AMI 32Mbit SPI
<b>Memory</b>	Technology	Single Channel DDR3 1066MHz (Non-ECC)
	Max. Capacity	Up to 4GB
	Socket	1 x 204-pin SO-DIMM
<b>Display</b>	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	
<b>Ethernet</b>	Controller	2 x Intel® 82583V GbE LAN
<b>Audio</b>	Controller	Realtek® ALC887 HD Audio CODEC
<b>Super I/O</b>	Controller	Fintek F81866
<b>H/W Monitor</b>	Watchdog Timer	255-level Watchdog Timer
	Smart Fan	Yes
<b>TPM</b>	Controller	N/A
<b>I/O Interfaces</b>	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)
<b>Expansion Slot</b>	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)
<b>Storage</b>	SATA	1 x SATA2
	IDE	N/A
	eSATA	N/A
	CFast	N/A
	mSATA	1 x mSATA-slot
	CompactFlash	N/A
<b>Power Requirement</b>	Power Adaptor	DC-in 12V
	Power Supply	N/A
<b>Environment</b>	Operating Temperature	0 ~ 60°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
<b>Form Factor</b>	Dimensions	146mm x 102mm (3.5")
	Weight	0.25 Kg
<b>Certification</b>	EMC	FCC Class A, CE, C-Tick, VCCI, BSMI