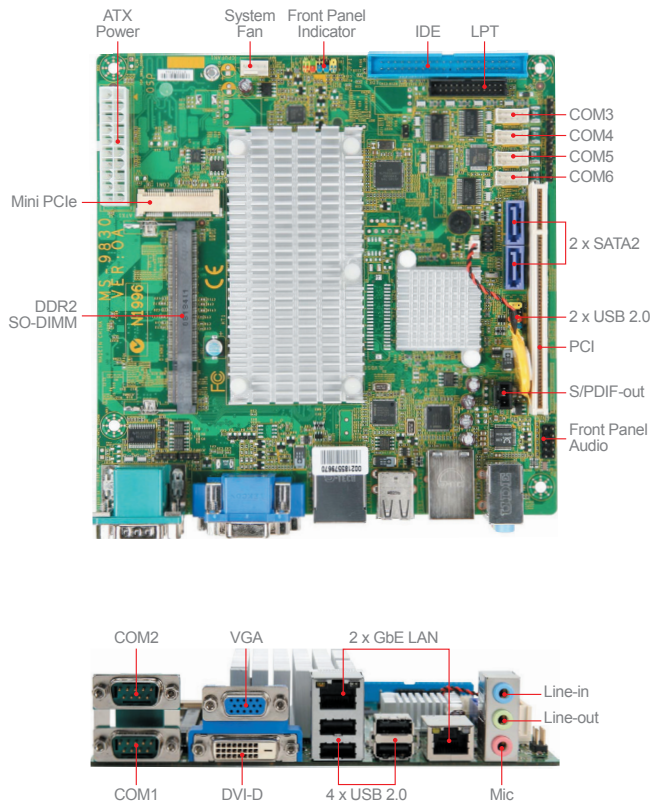


# MS-9830-A

Intel® Atom™ Solution for Low Power and High Performance with ATX Power



## Features

- Ultra low power and fanless design
- Slim and thin client without noise
- Intel® Atom™ N270 processor
- Support 2 x SATA 2.0
- Hardware video decoder for MPEG2
- Hyper-Threading™ supported

## Ordering Information

Part Number	Description
919-9830-011	MS-9830 VER 31 NTEL ATOM N270, ATX POWER

## Packing List

Part Number	Description	Quantity
K12-1080099-E06	ATA CABLE	1
K1D-3004008-E06	SATA POWER CABLE	2
K1D-1008068-E06	SATA SIGNAL CABLE	2
G52-98302X3-Q13	USER MANUAL	1
G71-SEDC026-J24	DRIVER CD	1
K14-1018003-V03	COM PORT CABLE	1
E21-9830060-A91	IO SHIELD	1

## Specifications

<b>Processor</b>	CPU	Intel® Atom™ Processor N270
	Frequency	1.6 GHz
	L2 Cache	512 KB
	CPU Type	BGA
	Chipset	Intel® 945GSE + ICH7M
<b>Memory</b>	BIOS	AMI
	Technology	Single-channel DDR2 400/533MHz
	Max. Capacity	Up to 1 GB
<b>Display</b>	Socket	1 x 200-pin SO-DIMM
	Controller	Intel® GMA950 Graphics
	Graphic Memory	Shared system memory up to 256 MB SDRAM
	VGA	1
	DVI	1 (DVI-D)
<b>Ethernet</b>	Multiple Display	Dual display
	Display Mode	VGA up to 1920 x 1080 DVI-I up to 1920 x 1200
<b>Audio</b>	Controller	2 x Intel® 82574L GbE LAN
<b>Super I/O</b>	Controller	Realtek® ALC888 HD Audio Codec
<b>H/W Monitor</b>	Controller	Fintek F71882FG
	Watchdog Timer	256-level Watchdog Timer
<b>I/O Interface</b>	Smart Fan	Yes
	USB	6 x USB 2.0 (2 x internal)
	Serial	6 x COM (COM1&2: rear; COM3~6: internal) COM1: RS-232/422/485, 0V/5V/12V COM2~6: RS-232, 0V/5V/12V
	Parallel	1
<b>Expansion Slot</b>	PCI	1
	Mini-PCIe	1 x Full-size
<b>Storage</b>	SATA	2 x SATA 2.0
	IDE	1
<b>Power Supply</b>	DC	N/A
	ATX	ATX-Power 20P
<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	170mm x 170mm (Mini-ITX)
	Weight	0.43 kg
<b>Certification</b>	EMC	FCC Class B, CE, C-Tick, VCCI, BSMI