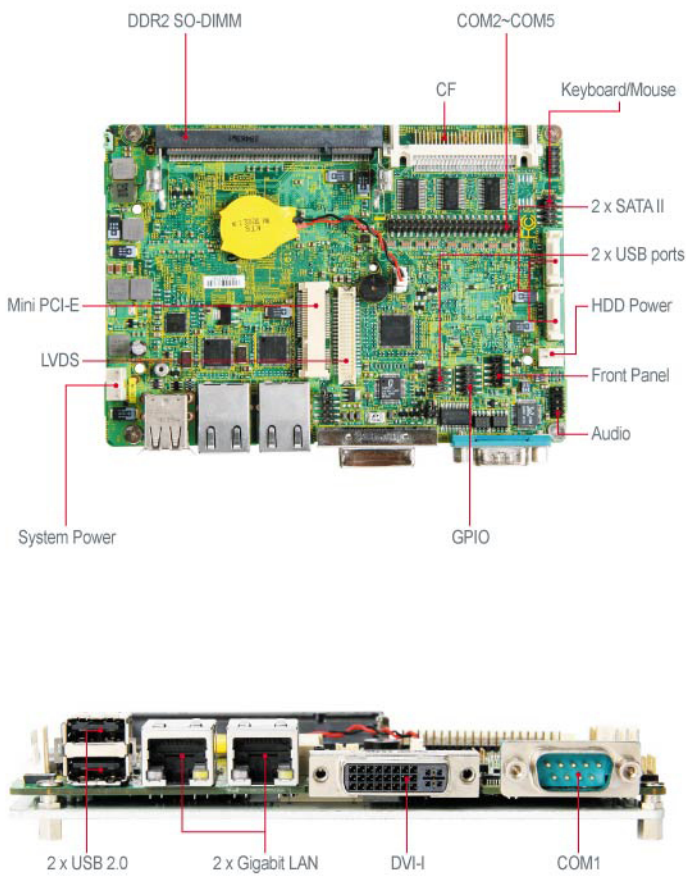


# I3-945GSE

## Low Power and Ultra Mini Size with Intel Atom Solution



### Features

- Fanless Design & Ultra Mini Size
- DVI-I & LVDS
- Increase Energy Efficiency

### Specification

<b>Processor</b>	CPU	Intel® Atom™ Processor N270	
<b>System</b>	CPU Socket	On board BGA	
	Front Side Bus	400/533 MHz	
	Chipset	Intel® 945GSE + Intel® ICH7M	
	BIOS	AMI 8 Mbit, SPI	
<b>System Memory</b>	Technology	Single channel DDR2 400/533 MHz	
	Max. Capacity	Up to 2 GB	
<b>Display</b>	Socket	1 x 200-pin SODIMM	
	Graphic Controller	Intel Integrated Graphics Media Accelerator 950	
	LVDS	Supports 18-bit dual channel LVDS Resolution: Up to 2048 x 1536 (QXGA)	
	DVI	Chrontel 7307C SDVO transmitter Resolution: Up to 1600 x 1200 (UXGA)	
	HDMI	N/A Resolution: Up to N/A	
	Display port	N/A Resolution: Up to N/A	
	Dual Display	CRT + LVDS, CRT + DVI, LVDS + DVI	
<b>Ethernet</b>	Controller	LAN1: Intel 82574L GbE LAN LAN2: Intel 82574L GbE LAN	
	Audio	Controller: Realtek ALC888 HD audio codec	
<b>Super I/O</b>	Controller	ITE IT8783F	
<b>H/W Monitor</b>	Watchdog Timer	Programmable 1~255 sec/min; System reset	
	Smart Fan	N/A	
<b>TPM</b>	Controller	N/A	
<b>I/O Interface</b>	USB	4 (USB 2.0 compliant, 2 x front, 2 x on-board)	
	Serial	1 (1 x rear RS-232/422/485, COM1 supply 5V/12V) 3 (3 x RS232, supply COM2~COM4 supply 5V/12V)	
	Parallel	N/A	
	PS/2	1 (1 x pin-header, 10 pin)	
	Parallel	N/A	
	IrDA	N/A	
	GPIO	8-bit GPIO (4-bit input / 4-bit output)	
	IEEE 1394	N/A	
	<b>Expansion Slot</b>	PCIe x 16	N/A
		PCIe x 4	N/A
		PCIe x 1	N/A
PCI		N/A	
Mini-PCIe		PCIe x1, 1 slot	
<b>Storage</b>	SATA	2 x SATA II, Max. transfer rate 3Gb/s N/A	
	IDE	N/A	
	eSATA	N/A	
	CompactFlash	1	
<b>Power Requirement</b>	Power Consumption	N/A	
	Requirement	N/A	
<b>Power Source</b>	Power Adaptor	DC 12V, 36W (4-pin type)	
	Power Supply	AC 110V~240V	
<b>Environment</b>	Operating Temperature	0°C ~ 40°C (32 ~ 104 F)	
	Storage Temperature	-20°C ~ 80°C (-4 ~ 176 F)	
	Operating Humidity	0%~90% relative humidity, noncondensing	
	Storage Humidity	0%~90% relative humidity, noncondensing	
<b>Form Factor</b>	Dimensions	146 mm x 102 mm (3.5")	
	Weight	0.24 Kg	
<b>Regulatory Compliance</b>		FCC, CE, BSMI, VCCI, RoHS compliant	

### Ordering Information

Part Number	Description
919-9856-001	MS-9856 VER 10 INTEL ATOM N270 3.5" SOC, 2*GIGABIT LAN+ 5*COM

### Packing List

Part Number	Description	Quantity
K10-3002126-V03	Internal ROUND CABLE (4pin HSG to DC plug)	1
K14-1009053-V03	Internal COM PORT CABLE	2
K1B-3008021-V03	Internal USB CABLE	1
K1D-1011001-V03	Internal SATA CABLE	1
G52-98562X1-AG4	User MANUAL	1
G71-SEDC032-J24	Driver CD	1