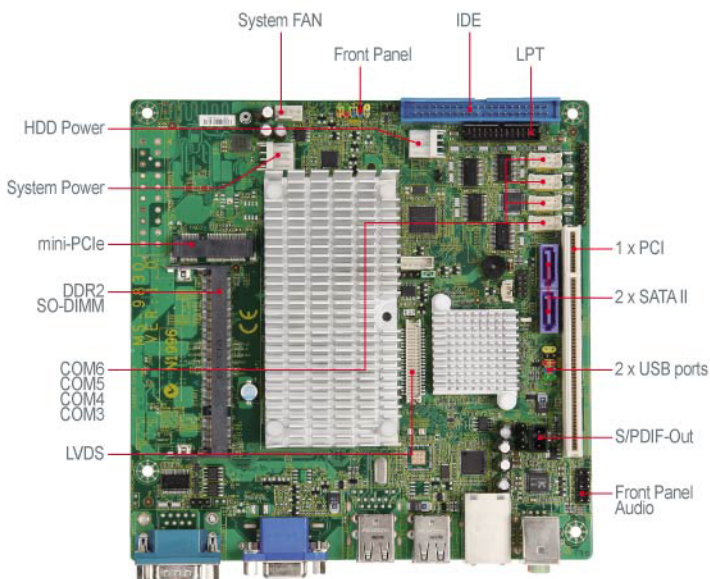


IM-945GSE-C

Intel® Atom™ solution for low power and high performance with DC power






**Intel 945GSE
+ ICH7M**



**SODIMM
DDR2 533**



VGA/LVDS



**5.1 Channel
AUDIO**



Gigabit LAN

Features

- Ultra low power and fanless System
- Slim and thin client without noise
- Intel® Atom™ mobile processor
- Two SATA ports
- Hardware Video Decoder for MPEG2
- HyperThreading™ Support

Specification

Processor	CPU	Intel® Atom™ Processor N270
System	CPU Socket	On board (BGA 956)
	Front Side Bus	533 MHz
	Chipset	Intel® 945GSE+ICH7M
	BIOS	AMI 8bit, SPI
System Memory	Technology	Single channel DDR2 533/400 Mhz
	Max. Capacity	Up to 1 GB
Display	Socket	1 x 200-pin SODIMM
	Graphic Controller	Intel Integrated Graphics Media Accelerator 950
	LVDS	Supports Dual Channel 18-bit and 24-bit output Resolution: Up to 1600x1200(QXGA)
	DVI	Chrontel CH7307C SDVO DVI Transmitter Resolution: Up to 1920x1080 (QXGA)
	HDMI	NA
	Display port	NA
	Dual Display	LVDS+VGA
Ethernet	Controller	LAN1: Intel® 82574L GbE LAN LAN2: NA
	Audio	Controller: Realtek® ALC888 HD audio codec (Mic-in, Line-out)
Super I/O	Controller	Fintek® F71882FG
H/W Monitor	Watchdog Timer	Programmable 1~255 sec/min; System reset
	Smart Fan	3 pin Linear FAN Control or 4 pin PWM FAN Control
TPM	Controller	NA
I/O Interface	USB	6 (USB 2.0 compliant)
	Serial	1 (1 x RS-232, 1 x RS-232/RS-422/RS-485)
	Parallel	1 (SPP/EPP/ECP)
	PS/2	NA
	GPIO	NA
	IEEE 1394	NA
	Expansion Slot	PCIe x 16
	PCIe x 4	NA
	PCIe x 1	NA
	PCI	32-bit/33 MHz, 1 slot
	Mini-PCIe	Mini-PCIe x 1, 1 slot
Storage	SATA	2 x SATA II, Max. transfer rate 3Gb/s (RAID 0,1,5)
	IDE	1 x IDE
	eSATA	NA
	CompactFlash	NA
Power Requirement	Power Consumption	12V
		1.44A (CPU Stress)
Power Source	Power Adaptor	DC 12V , 65W (4-pin type)
	Power Supply	NA
Environment	Operating Temperature	0°C ~ 60°C (32 ~ 140 F)
	Storage Temperature	-20°C ~ 80°C (-4 ~ 158 F)
	Operating Humidity	5%~90% relative humidity, noncondensing
	Storage Humidity	5%~90% relative humidity, noncondensing
Form Factor	Dimensions	170 mm x 170 mm (6.69" x 6.69")
	Weight	0.37 Kg
Regulatory Compliance		CE, FCC Class B, BSMI, VCCI, C-Tick, RoHS compliant

Ordering Information

Part Number	Description
919-9830-012	MS-9830 VER 31 OPT C Mini-ITX ,Intel ATOM N270 DC POWER IN

Packing List

Part Number	Description	Quantity
K12-1080099-E06	ATA CABLE	1
E21-9830040-C22	IO SHIELD	1
G52-98302X3-Q13	USER MANUAL	1
G71-SEDC026-J24	DRIVER CD	1
K14-1018003-V03	COM PORT CABLE	1
K1D-1012007-V03	SATA CABLE, SIGNAL/POWER	1
K10-3002126-V03	ROUND CABLE(4P HSG TO DC PLUG)	1