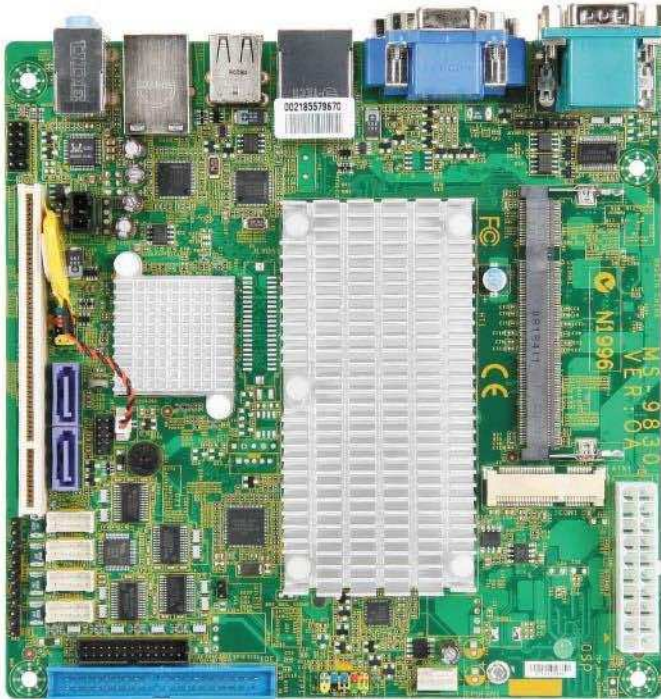


IM-945GSE-A

Intel® Atom™ solution for low power and high performance



Intel 945GSE
+ICH7M



SODIMM
DDR2 533



VGA/DVI-D



5.1 Channel
AUDIO



Dual Gigabit
LAN

Features

1. Ultra low power and fanless System
2. Slim and thin client without noise
3. Support Intel® Atom™ mobile processor
4. Two SATA ports
5. Hardware Video Decoder for MPEG2
6. HyperThreading™ Support

Specification

CPU Type	Intel® Atom processor with BGA Package
Processor	Intel® Atom™ N270 Processor
Chipset	Intel® 945GSE+ICH7M
Memory	1 * DDR2 SO-DIMM 533/400, up to 2GB
Graphic Engine	Intel® GMA 950 up to 224MB
Display Port	VGA, DVI-D
USB	6 * USB 2.0 Port (4 * Rear I/O, 2 * Internal)
I/O	Rear I/O: 1 * RS-232/RS-422/RS-485(pin 9: 5V/12V), 1 * RS-232(pin 9: 5V/12V) Internal: 4 * RS-232(pin 9: 5V/12V), 1 * LPT
LAN	2 * Intel® GbE LAN
Expansion Slot	1 * PCI, 1 * Mini-PCIe (PCIe x1+USB)
Audio	5.1 Channel HD Audio with 6W Amplifier
Storage	1 * IDE, 2 * SATA
Application	Thin Client, fanless system, low power system

Power Specification

Power Source	ATX 20 pin
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Mechanical and Environmental

Form Factor	Mini-ITX, 170mm * 170mm (6.7"x 6.7")
Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 80°C
Regulatory Compliance	FCC Class B/ CE / C-Tick / BSMI / VCCI
RoHS Compliance	RoHS Compliant

Ordering Information

Part Number	Description
609-9830-010	Intel Atom N270, 945GSE+ICH7M, 1 * DDR2 SO-DIMM, Dual Intel GbE LAN, 2 * SATA, 6 * COM, VGA, DVI-D, ATX Power
609-95L2-010	IDE to CF Adaptor

Mainboard

MS-9830-C

IM-945GSE-C

Intel® Atom™ Solution for Low Power And High Performance



Specification

CPU Type	Intel® Atom™ Processor with BGA Package
Processor	Intel® Atom™ N270 Processor
Chipset	Intel® 945GSE + ICH7M
Memory	1 * DDR2 SO-DIMM 533/400, up to 2GB
Graphic Engine	Intel® GMA 950 Engine
Display Port	VGA, LVDS
USB	6 * USB 2.0 Port (4* Rear I/O, 2 * Internal)
I/O	Rear I/O: 1 * RS-232/RS-422/RS485 (pin9: 5V/12V) Internal: 4 * RS-232
LAN	1 * Intel® GbE LAN
Expansion Slot	1 * PCI, 1 * Mini-PCIe (PCIe x1+USB)
Audio	2 Channel HD Audio with 6W Amplifier (5.1 Channel optional)
Storage	1 * IDE, 2 * SATA
Application	Thin Client, fanless system, low power system



Intel 945GSE + ICH7M

SODIMM
DDR2 533

VGA/LVDS

5.1 Channel
AUDIO

Gigabit LAN

Power Specification

Power Source	DC 12V
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Mechanical and Environmental

Form Factor	Mini-ITX, 170mm * 170mm (6.7" x 6.7")
Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 80°C
Regulatory Compliance	FCC Class B/ CE / C-Tick / BSMI / VCCI
Compliance	RoHS Compliant

Features

1. Ultra low power and fanless System
2. Slim and thin client without noise
3. Intel® Atom™ mobile processor
4. Two SATA ports
5. Hardware Video Decoder for MPEG2
6. HyperThreading™ Support

Ordering Information

Part Number	Description
609-9830-06S	MS-9830 11 OPT:C Mini-ITX, Intel 945GSE+ICH7M, Intel N270 CPU, 1 * Non-ECC DDR2 SO-DIMM, 1 * 82574L GbE LAN, 2 * SATA, 1 * PCI, VGA + LVDS, 5 * COM ports