

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
--------------	--------

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