

IM-945GC

Intel® Atom™ solution for low power and high performance



Intel 945GC
+ ICH7

DDR2 667

VGA

5.1 Channel
AUDIO



Dual Gigabit
LAN

Features

1. Intel® Atom™ solution for low power and high performance.
2. Low power platform system
3. ATX, DC power input as BOM option
4. Hardware Video Decoder for MPEG2
5. HyperThreading™ Support

Specification

CPU Type	Intel® Atom™ Processor
Processor	Intel® Atom™ 330 1.6GHz Processor Dual Core
Chipset	Intel® 945GC+ICH7
Memory	1 * DDR2 DIMM 533/667, up to 2GB
Graphic Engine	Intel® GMA950 up to 224MB
Display Port	VGA
USB	6 * USB 2.0 Port (4 * Rear I/O, 2 * Internal)
I/O	Rear I/O: 2 * RS-232, 1 * RS232/RS422/RS485, PS/2 Internal: 3 * RS-232
LAN	2 * Realtek® GbE LAN
Expansion Slot	1 * Mini PCIe, 1 * PCI
Audio	5.1 Channel HD Audio
Storage	1 * IDE, 4 * SATA II
Application	Digital Signage, Kiosk, Gaming, Home Server

Power Specification

Power Source	ATX 20 pin / DC 12V
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Mechanical and Environmental

Form Factor	Mini ITX 170 x 170 mm (6.7"x6.7")
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 Compliant

Ordering Information

Part Number	Description
609-9832-030	MS-9832 OPT : C ATX Mini-ITX Intel Diamondville Dual Core CPU Intel® 945GC+ ICH7 PCI 32 *1 DDR2 533/667/800 *1 Giga LAN *2 SATA *2, IDE *1
609-9832-040	MS-9832 OPT : D DC Mini-ITX Intel Diamondville Dual Core CPU Intel® 945GC+ ICH7 PCI 32 *1 DDR2 533/667/800 *1 Giga LAN *2 SATA *2, IDE *1
609-95L2-010	IDE to CF Adaptor

* Single Core CPU By Request