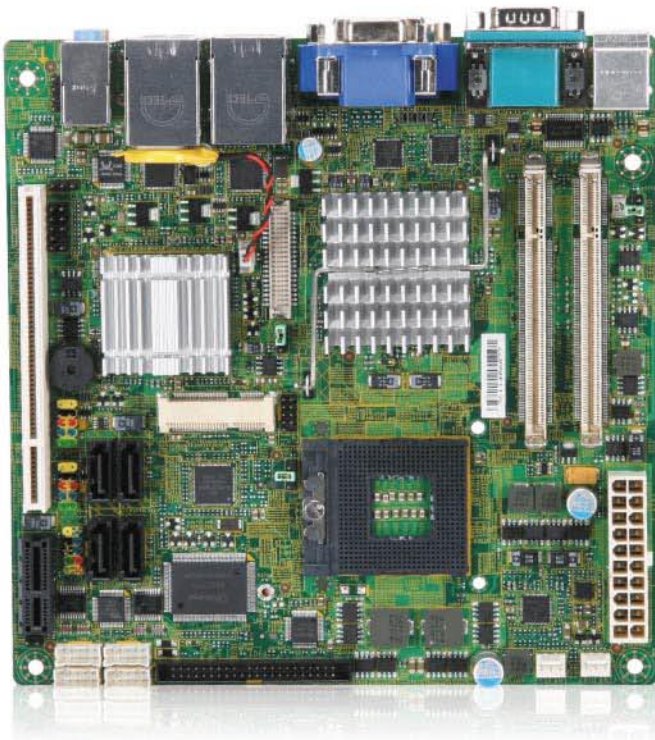


Mainboard

MS-9818

IM-GM45

Extreme Performance with Supreme Quality and Security



TPM 1.2

SODIMM
DDR2 800

VGA/DVI

Dual Gigabit
LAN5.1 Channel
AUDIO

Features

1. Support Intel® 45nm Mobile Core™ 2 Duo processor
2. Support DirectX 10®, Shader Model 4.0 and Intel® Clear Video technology
3. Support MPEG-2, WMV9 (VC-1) and H.264 (AVC) video decoding accelerator
4. Dual independent displays
5. Support Intel® iTPM

Specification

CPU Type	Intel® 45nm Mobile processor with socket P (Penryn)
Processor	Intel® Core™ 2 Extreme, Core™ 2 Duo, Celeron® M processor
Chipset	Intel® GM45 + ICH9M-E
Memory	2 * DDR2 SO-DIMM 667/800, up to 4GB
Graphic Engine	Intel® GMA 4500MHD, DirectX 10®, Shader Model 4.0
Display Port	VGA, DVI-D, HDMI, LVDS
USB	8 * USB 2.0 Port (4 * Rear I/O, 4 * Internal)
I/O	Rear I/O: 1 * RS-232/RS-422/RS485(pin9: 5V/12V), PS/2 Internal: 4 * RS-232
LAN	2 * Intel® GbE LAN
Expansion Slot	1 * PCI, 1 * Mini-PCIe(PCIe x1+USB), 1 * PCIe x1
Audio	5.1 Channel HD Audio with 6W Amplifier
Storage	1 * IDE, 4 * SATA II(RAID 0/1), 1 * CF (option)
Application	Digital Signage, Kiosk, Home Server, 3D gaming, Panel PC

Power Specification

Power Source	ATX 20pin
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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 Compliant

Ordering Information

Part Number	Description
609-9818-020	GM45+ICH9-ME, 2 * DDR2 SO-DIMM, Dual Intel GbE LAN, 4* SATA, VGA, DVI, HDMI, LVDS
609-95L2-010	IDE to CF Adaptor