

**Embedded Micro ATX Motherboard**

# FB12M

**RICOH**

*High quality, Long term supply, Flexible customization.  
Intel® 915GV New generation Motherboard.*

**Pentium® 4, Celeron® D  
LGA775 CPU socket**

**FSB533/800MHz  
Hyper-Threading**

**DDR2-DIMM sockets x4**

**PC2-3200/4300**

**Dual access**

**Intel® 915GV chipset**

**Integrated graphics**

**SerialATA x4**

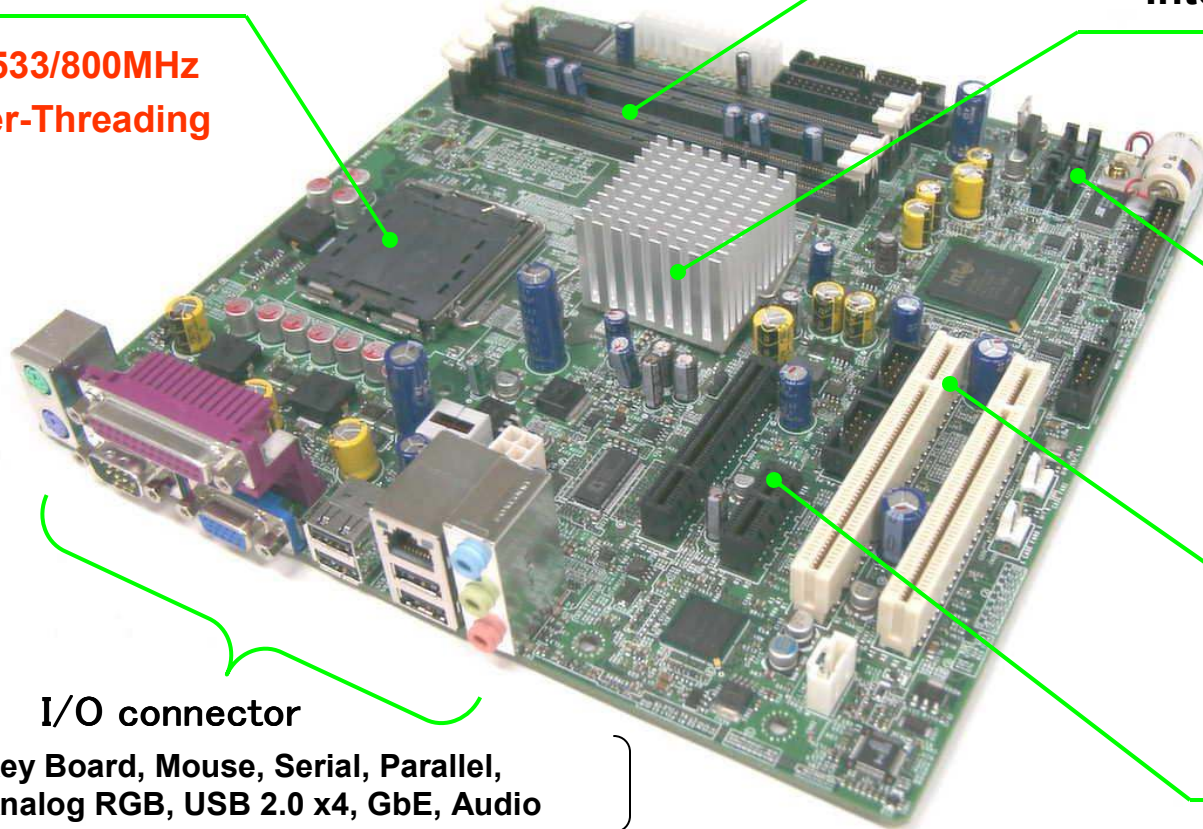
**PCI slots x2**

**PCI Express x1slot x1**

**I/O connector**

**Key Board, Mouse, Serial, Parallel,  
Analog RGB, USB 2.0 x4, GbE, Audio**

※Without Audio, GbE model can be selectable as well.



## Features

● **Intel® 915GV Micro ATX Motherboard**  
Supporting new architectures as DDR2 dual channels memory, PCI Express, and LGA775 socket Pentium® 4 in Micro ATX board.  
Good to build up small system with many such new architectures.

● **Integrated graphics**  
Integrated graphics function supports 'DirectX9' architecture, realizing high speed 3D graphics control.

● **Gigabit Ethernet**  
Supporting GbE LAN, and realizing high speed network control.

● **RoHS restriction support**  
Promoting the RoHS restriction support.

## Contact

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## Specifications

		FB12M-LS
CPU	CPU	Pentium® 4 2.8GHz~ Celeron® D 2.53GHz~
	CPU socket	LGA775
	FSB	533/800MHz
	Hyper-Threading	Supported
Memory	Specification	DDR2-400/533
	Module	PC2-3200/4300
	Registered/Unbuffered	Unbuffered
	ECC	Not supported
	Socket	4sockets
	Maximum capacity	4GB
Chipset		Intel® 915GV
Video		Integrated in chipset
Audio		AC'97
LAN		GbE
External I/F	USB	4ports (USB2.0)
	AnalogRGB	1port
	Serial	1port
	Parallel	1port
	PS/2	Key Board, Mouse
	LAN	GbE
	Audio	Line-IN, Line-OUT, Mic-IN
Internal I/F	PCI slot	2slots
	PCI Express x1 slot	1slot
	ADD2 slot	1slot (support RICOH original ADD2)
	IDE	1ch
	FDD	1ch
	Serial ATA	4ports
	USB header	4ports (USB2.0)
	Serial header	1port
	Front Panel header	Power SW, Reset SW, LED, Beep
	Audio header	Line-OUT
	FAN	CPU, CASE1, CASE2
System Monitoring		Voltage, temperature, FAN speed Watch Dog Timer
BIOS		Phoenix
Operating System		Windows® 2000 Professional Windows® XP Professional
Form Factor		Micro ATX

\*Specification could be modified without notice. (Updated in Dec, 2004)

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