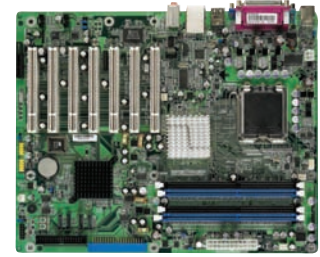




Itox Embedded Motherboards—ATX, microATX, and Mini-ITX

ITOX, a DFI company, is recognized throughout the industry as a leading supplier of x86 embedded motherboards for use in OEM environments including medical electronics, industrial control, security, telecom, ATM/POS, gaming, and kiosk systems. Established in 1981, DFI, Inc. is a worldwide “Top 10” manufacturer of computer motherboards. DFI-ITOX uses only processors and chipsets listed on Intel’s® Embedded Architecture Roadmap in all designs, and guarantees product availability for three to five years.



Features ▶

- Three- to five-year guaranteed product availability
- Stringent revision control—minimal changes over product life cycle
- Revision changes never affect “form, fit, and function”
- Ample end-of-life notification provided—typically six to twelve months advance announcement

Benefits ▶

- Reduced re-engineering and testing costs
- Minimizes recertification requirements (FDA, FCC, UL, etc.)
- Lowers spare part inventory and field maintenance expenses
- Engineers stay focused on improving your product’s features and benefits
- 99% of compatibility issues and field failures resolved within 24 hours

Applications ▶

- Medical diagnostic and imaging systems
- ATM and point-of-sale (POS) equipment
- Industrial control applications
- Security and surveillance systems
- Telecom system applications

Product Specifications ▶

Model	Size	Socket	CPU	Chipset	FSB	Max. RAM	Video Down	ISA	Shared Slot	PCI	AGP	LAN Down	COM	Audio Down	USB	CF	Video Support	Miscellaneous
G4H875-N-G	ATX	478	P4 w/HTT	Intel® 875P	400/800	4 GB	No	0	0	4 PCI 1 PCI-X	Yes	1 Gb 1 10/100	2/2	AC' 97	4	NA	NA	2 SATA supports SATA Raid 0 and Raid 1
G4E620-B-G	ATX	478	P4 w/HTT	Intel® 845E	400/533	2 GB	No	2	1	3	Yes	1	2	AC' 97	4/2	X	NA	WDT
G4S600-B-G	ATX	478	P4 w/HTT	Intel® 865G	400/800	4 GB	Yes	0	0	5	Yes	1	1/1	AC' 97	2/6	NA	NA	2 SATA
G4V620-B-G	ATX	478	P4 w/HTT	Intel® 845GV	400/533	2 GB	Yes	2	1	3	ADD	1	1/1	AC' 97	4/2	X	TV FLTP DVO	WDT
G7B630-B-G	ATX	775	Core™ 2 Duo	Intel® Q965	533 800 1,066	4 GB DDR2	Yes	0	0	4 PCI 1 PCI-E x16 2 PCI-E x1	No	1 Gb	1/1	AC' 97	4/6	NA	Options for Dual LAN and on-board RAID	5 SATA WDT
G7V600-B-G	ATX	775	P4 w/HTT	Intel® 915GV	533/800	4 GB	Yes	0	0	7	No	1 Gb	1/1	AC' 97	4/4	NA	NA	4 SATA WDT
G7L630-P-G	ATX	775	Pentium® D Celeron® D	Intel® 945G	533 800 1,066	4 GB	Yes	0	0	4 PCI 1 PCI-E x16 1 PCI-E x1	No	1 Gb	1/1	AC' 97	4/4	NA	NA	4 SATA
G7S600-B-G	ATX	775	Pentium® D Celeron® D	Intel® 865G	533/800	4 GB	Yes	0	0	6 PCI	Yes	1 Gb	1/1	AC' 97	4/4	NA	NA	2 SATA WDT
G7S620-N-G	ATX	775	Core Duo	Intel® 865G	533/800	4 GB	Yes	2	0	4	Yes	Dual GB LAN	1/3	AC' 97	4/4	NA	NA	2 SATA WDT
GC6B0BX-G	ATX	370	PIII and Celeron®	Intel® 440BX	66/100	384 MB	No	2	1	3	Yes	0	2	NA	2 (1.1)	NA	NA	NA

Related Information ▶ ITOX also supplies: mini-ITX, mid-tower, desktop, and rack-mount cases



Itox Embedded Motherboards—Continued (microATX through Mini-ITX)

Product Specifications ▶

Model	Size	Socket	CPU	Chipset	FSB	Max. RAM	Video Down	ISA	Shared Slot	PCI	AGP	LAN Down	COM	Audio Down	USB	CF	Video Support	Miscellaneous
G4M300-M12-G	microATX	478	Bundled 1.2 GHz Celeron® M	Intel® 852GM	400	1 GB	Yes	0	0	1	No	1	1/3	AC'97	2/4	NA	LFP LVDS interface	LVDS LCD panel connector
G4S300-B-G	microATX	478	P4 w/HTT	Intel® 865G	400/800	2 GB	Yes	0	0	3	Yes	1	1/1	AC'97	4/4	NA	NA	2 SATA
G4V300-D-G	microATX	478	P4 w/HTT	Intel® 845GV	400/533	2 GB	Yes	0	0	3	ADD	1	1/1	AC'97	2/4	NA	TV FLTP DVO	WDT
G5G330-P-G	microATX	mPGA479M	Pentium® M Celeron® M	Intel® 915GM	400/533	2 GB	Yes	0	0	2 PCI 1 PCI-E x16 1 PCI-E x1	No	1 Gb	1/3	AC'97	1/3	NA	NA	2 SATA WDT 2 IEEE 1394
G7B330-B-G	microATX	775	Core™ 2 Duo	Intel® Q965	533 800 1,066	4 GB DDR2	Yes	0	0	2 PCI 1 PCI-E x16 2 PCI-E x1	No	1 Gb	1/1	AC'97	4/4	NA	NA	3 SATA WDT
G7L330-B2-G	microATX	775	Pentium® D Celeron® D	Intel® 945G	533 800 1,066	4 GB	Yes	0	0	2 PCI 1 PCI-E x16 1 PCI-E x1	No	1 Gb	2	AC'97	4/4	NA	NA	4 SATA 2 IEEE 1394
G7V300-P-G	microATX	775	P4 w/HTT	Intel® 915GV	533/800	4 GB	Yes	0	0	4	No	1 Gb	1/3	AC'97	4/4	NA	NA	4 SATA
G7V330-B-G	microATX	775	P4 w/HTT	Intel® 915GV	533/800	4 GB	Yes	0	0	2 PCI 1 PCI-E x16 1 PCI-E x1	No	1 Gb	1/1	AC'97	4/4	NA	NA	4 SATA 2 IEEE 1394
G4G100-N-G	Mini-ITX	478	Pentium® 4 Celeron® D	Intel® 915GV	533/800	2 GB	Yes	0	0	1 PCI or riser	No	Dual Gb Lan	3/1	AC'97	4/4	NA	NA	WDT 4 SATA
G4M100-MS12-G	Mini-ITX	479	Bundled 1.2 GHz Celeron® M	Intel® 852GM	400	1 GB	Yes	0	0	1 PCI or riser	No	1	3/1	AC'97	4/2	NA	LFP LVDS interface	LVDS LCD panel connector 2 SATA
G4V100-P-G	Mini-ITX	478	P4 w/HTT	Intel® 845GV	400/533	2 GB	Yes	0	0	1 PCI or riser	No	1	2/2	AC'97	2/4	NA	LVDS transmitter	LVDS LCD panel connector
G5C100-N-G	Mini-ITX	mPGA479M	Core™ 2 Duo Celeron® D	Intel® 945GM	533/667	4 GB DDR2	Yes	0	0	1 PCI or riser	No	Dual Gb Lan	3/1	AC'97	4/4	X	NA	LVDS LCD panel connector 2 SATA WDT
G5G100-P-G	Mini-ITX	mPGA479M	Pentium® M Celeron® M	Intel® 915GM	400/533	2 GB	Yes	0	0	1 PCI or riser	No	1 Gb	3/1	AC'97	4/4	NA	NA	2 SATA WDT
G5G101-P-G	Mini-ITX	mPGA479M	Pentium® M Celeron® M	Intel® 915GM	400/533	2 GB	Yes	0	0	1 PCI or riser	No	1 Gb	1/1	AC'97	4/4	X	NA	DC Input 16V~22V LVDS LCD panel connector 2 SATA WDT
G5M150-N06C-G	Mini-ITX	CPU down	Embedded 600 MHz Celeron® M	Intel® 852GM	400	1 GB	Yes	0	0	1/1 Mini PCI socket	No	Dual 10/100	3/1	AC'97	4/2	NA	LFP LVDS interface	LVDS LCD panel connector
G7V100-B-G	Mini-ITX	478	P4 w/HTT	Intel® 845GV	533/800	4 GB	Yes	0	0	1 PCI or riser	No	1 Gb	1/1	AC'97	4/4	NA	Digital I/O support	2 SATA WDT



Related Information ▶ ITOX also supplies: mini-ITX, mid-tower, desktop, and rack-mount cases