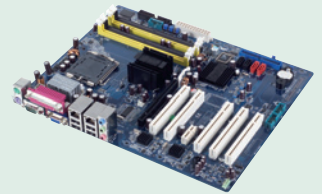
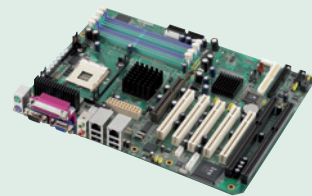
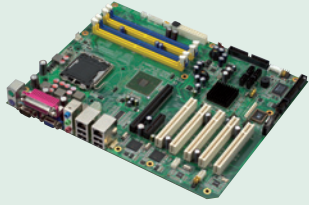


► CPU ATX INDUSTRIAL MOTHERBOARDS

- Steckplätze für ISA-, PCI- und PCIe-Erweiterungskarten
- Pentium 4 und Core 2 Duo CPUs
- Langzeitverfügbarkeit für Ersatzteile
- Benachrichtigungsautomatik bei Fehlfunktion (SNMP/HTTP), z.B. via eMail



Model Name		AIMB-764	AIMB-763
Processor System	CPU	Intel Core 2 Quad/Core 2 Duo/ Pentium 4/ Celeron D	Intel Core 2 Duo/Pentium D/ Pentium 4/ Celeron D
	Max. Speed	2.66 GHz/2.66 GHz/3.8 GHz/3.06 GHz	2.66 GHz/3.2 GHz/3.8 GHz/3.06 GHz
	L2 Cache (Depends on CPU)	8 MB/4 MB/2 MB/512 KB	4 MB/4 MB/2 M/512 KB
	Chipset	Intel Q965 + ICH8DO	Intel 945G + ICH7R
	BIOS	Award 16Mbit SPI	Award 8Mbit FWH
	FSB	533/800/1066 MHz	533/800/1066 MHz
Expansion Slot	Graphic Expansion Slot	PCIe x16 4 GB/s per direction, 1 slot	PCIe x16 4 GB/s per direction, 1 slot
	PCIe/ PCI	PCIe x4 1 GB/s per direction, 1 slot PCI 32-bit/33 MHz, 5 slots	PCIe x1 250 MB/s per direction, 1 slot PCI 32-bit/33 MHz, 5 slots
	ISA	-	-
Graphics	Controller	Intel GMA 3000	Intel GMA 950
	VRAM	Shared system memory up 256 MB	Shared system memory up 224 MB
	LCD	-	-
Ethernet	Interface	10/100/1000Base-T	10/100/1000Base-T
	Controller	Intel 82573L & Intel82566DM	Dual Intel 82573L
Memory	Technology	Dual channel DDR2 533/667/800 SDRAM	Dual channel DDR2 533/667 SDRAM
	Max. Capacity	8 GB	4 GB
	Socket	240-pin DIMM x 4	240-pin DIMM x 4
SATA	Max. Data Transfer Rate	300 MB/s (SATA II)	300 MB/s (SATA II)
	Channel	5	4
EIDE	Mode	ATA 100/66/33	ATA 100/66/33
	Channel	1 (Max. one device)	1 (Max. two devices)
I/O Interface	VGA	1	1
	USB	Max. 10 (USB 2.0 compliant)	Max. 8 (USB 2.0 compliant)
	Serial	2 (1 of RS-232/422/485, 1 of RS-232)	2 (for VG version); 4 (for G2 version) COM2 supports RS-232/422/285
	Parallel	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)
	FDD	1	1
	PS/2	2 (keyboard and mouse)	2 (keyboard and mouse)
	LAN	2	1 (for VG version) 2 (for G2 version)
	OBS (Onboard Security) Monitor	Yes	Yes
	Audio	Mic-in, Line-out	Mic-in, Line-in, Line-out
Watchdog Timer	Output	System reset	System reset
	Interval	Programmable, 1 ~ 255 sec/ min	Programmable, 1 ~ 255 sec/ min
Miscellaneous	Advantech SNMP/HTTP System Manager (SNMP-1000-B)	Yes	Yes
	Solid State Disk	-	-



AIMB-762	AIMB-750	AIMB-744	AIMB-742
Intel Pentium D/Pentium 4/ Celeron D LGA775	Intel Pentium M/ CeleronM Socket 479	Intel Pentium 4/Celeron D/ Celeron Socket 478	Intel Pentium 4/Celeron D/ Celeron Socket 478
3.2 GHz/3.8 GHz/3.06 GHz	2.1 GHz/1.5 GHz	3.4 GHz/3.06 GHz/256 KB/128 KB	3.4 GHz/3.06 GHz/2.8 GHz
4MB/2 MB/256 KB	2 MB/1 MB/512 KB	1 MB/512 KB/256 KB/128 KB	1 MB/512 KB/256 KB/128 KB
Intel 945G + ICH7R	Intel 855GME + 6300ESB	Intel 875P + 6300ESB	Intel 865G + ICH5
Award 4Mbit FWH	Award 4 Mbit FWH	Award 4 Mbit FWH	Award 4 Mbit FWH
533/800 MHz	400 MHz	400/533/800 MHz	400/533/800 MHz
PCIe x16 4 GB/s per direction, 1 slot	AGP 4x, 1 slot	AGP 8x, 1 slot	AGP 8x, 1 slot
PCIe x4 1 GB/s per direction, 1 slot PCI 32-bit/33 MHz, 5 slots	PCI-X 64-bit/66 MHz, 2 slots PCI 32-bit/33 MHz, 4 slots	PCI-X 64-bit/66 MHz, 2 slots PCI 32-bit/33 MHz, 4 slots	PCI 32-bit/33 MHz, 5 slots
-	-	-	2
Intel GMA 950	Chipset integrated	-	Intel Extreme Graphics 2
Shared system memory up 224 MB	Shared system memory up to 64 MB	-	Shared system memory up to 64 MB
-	Dual channel 36-bit LVDS	-	-
10/100/1000Base-T	10/100/1000Base-T or 10/100Base-T	10/100/1000Base-T	10/100/1000Base-T or 10/100Base-T
Dual Intel 82573V	Intel 82541 & Intel 82551	Intel 82547 & Intel 82541	Intel 82547/82541 & Intel 82562/82551
Dual channel DDR2 533/667 SDRAM	Single channel DDR 200/266/333 SDRAM support ECC	Dual channel DDR2 266/333/400 SDRAM support ECC	Dual channel DDR 266/333/400 SDRAM
4 GB	2 GB	4 GB	4 GB
240-pin DIMM x 4	184-pin DIMM x 2	184-pin DIMM x 4	184-pin DIMM x 4
300 MB/s (SATA II)	150 MB/s	150 MB/s	150 MB/s
4	2	2	2
ATA 100/66/33	ATA 100/66/33	ATA 100/66/33	ATA 100/66/33
1 (Max. two devices)	2 (Max. two devices)	2 (Max. for devices)	2 (Max. for devices)
1	1	-	1
Max. 8 (USB 2.0 compliant)	Max. 4 (USB 2.0 compliant)	Max. 4 (USB 2.0 compliant)	Max. 8 (USB 2.0 compliant)
2 (1 of RS-232/422/485, 1 of RS-232)	4 (RS-232)	4 (RS-232)	2 (RS-232)
1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)	1 (SPP/EPP/ECP)
1	1	1	1
2 (keyboard and mouse)	2 (keyboard and mouse)	2 (keyboard and mouse)	2 (keyboard and mouse)
1 (for VG version) 2 (for G2 version)	1 (for VE, VG version) 2 (for E2, G2 version)	1 (for G version) 2 (for G2 version)	1 (for VE/VG version) 2 (for E2/G2 version)
Yes	Yes	Yes	Yes
Mic-in, Line-out	Mic-in, Line-out	Mic-in, Line-out	Mic-in, Line-out
System reset	System reset	System reset	Interrupt, System reset
Programmable, 1 ~ 255 sec/ min	Programmable, 1 ~ 255 sec/ min	Programmable, 1 ~ 255 sec/ min	Programmable, 1 ~ 255 sec/ min
Yes	Yes	Yes	Yes
-	Compact Flash type I/II (optional)	-	Compact Flash type I/II (optional)