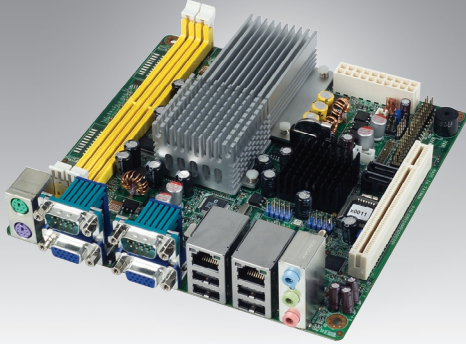


GMB-910

Intel Celeron® M Mini-ITX Motherboard with Dual VGA, 2 COM, and Dual LAN

Preliminary



Features

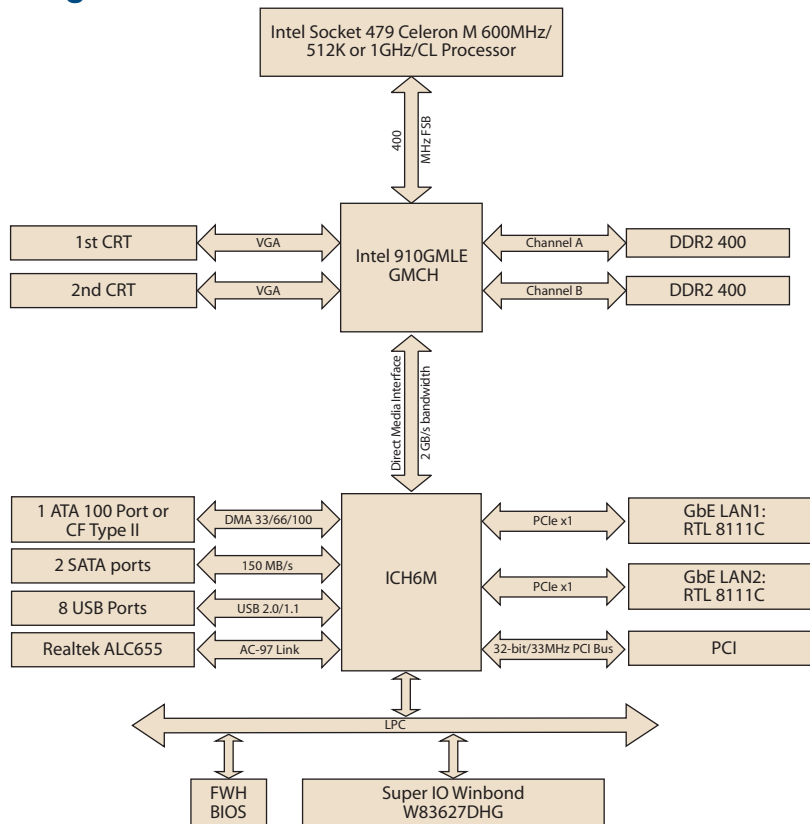
- Onboard Intel Celeron M 600 MHz/512 K or 1 GHz/CL CPU
- Intel 910GML and ICH6M
- Two DIMM sockets support up to 2 GB DDR2 400/533 SDRAM
- Supports dual CRT displays
- Supports dual GbE LAN
- Supports up to six serial ports (optional)
- Two SATA, eight USB 2.0 ports



Specifications

Processor System	CPU (130/90 nm, µFC-BGA 479)	Intel ULV Celeron M	Intel ULV Celeron M		
	Max. Speed	600 GHz	1 GHz		
	Front Side Bus	400 MHz	400 MHz		
	L2 Cache	512 KB	0 KB		
	Chipset	Intel 910GML + ICH6M			
	BIOS	Award 4 Mbit FWH			
Expansion Slot	PCI	32-bit/33 MHz, 1 slot			
	Mini-PCI	-			
	PCIe	-			
Memory	Technology	Dual Channel DDR2 400 SDRAM			
	Max. Capacity	2 GB			
	Socket	240-pin DIMM x 2			
Graphics	Controller	Intel 910GML GMCH integrated Graphics Media Accelerator 900			
	VRAM	Intel DVMT 3.0 supports up to 128 MB video memory			
	1st CRT	Supports max. 2048 x 1536 (85 Hz)			
	2nd CRT	Supports max. 2048 x 1536 (85 Hz), through Chronitel 7317			
	DVI	None			
Ethernet	Dual Display	CRT + CRT			
	Interface	10/100/1000Base -T			
	Controller	GbE LAN1: Realtek RTL8111C; GbE LAN2: Realtek RTL8111C			
	Connector	RJ-45 x 2			
SATA	Max Data Transfer Rate	150 MB/s			
	Channel	2			
EIDE	Mode	EIDE (Ultra DMA 100)			
	Channel	1			
Rear I/O	SSD	Supports compact flash type I/II			
	VGA	2			
	Ethernet	2			
	USB	4 (USB 2.0 compliant)			
	Audio	MIC-In, Line-Out, Line-in			
	Serial	2 (RS-232)			
	Parallel	None			
	PS/2	2 (1 x keyboard and 1 x mouse)			
	Internal Connector	USB	4 (USB 2.0 compliant)		
		Serial	None		
IDE		1			
SATA		2			
Compact Flash		1			
IrDA		None			
Watchdog Timer	DIO	None			
	Output	Interrupt, system reset			
Power Requirement	Interval	Programmable 1 ~ 255 sec/ min			
	Typical	TBD			
Environment		+5 V	+3.3 V	+12 V	+5 VSB
	Temperature	Operating			
Physical Characteristics		0 ~ 60° C (32 ~ 140° F)			
	Dimensions	170 mm x 170 mm (6.69" x 6.69")			

Board Block Diagram



Ordering Information

Part Number	CPU	Chipset	GbE	COM	VGA	PCI
GMB-910-M0A1E	600/512	910 GMLE	2	2	2	1
GMB-910-S0A1E	1G/CL	910 GMLE	2	2	2	1
GMB-910-M6A1E	600/512	910 GMLE	2	6	2	1
GMB-910-S6A1E	1G/CL	910 GMLE	2	6	2	1

Riser Card

Part Number	Description
AIMB-RP30P-03A1E	2U riser card with 3 PCI slot expansion

I/O View



Packing List

Description	Quantity
GMB-910 SBC	x 1
CPU Heatsink	x 1
I/O port bracket	x 1

Accessories

Part Number	Description
1700003195	USB cable with two ports, 17.5 cm
1700002204	USB cable with two ports, 27 cm
1700002314	USB cable with four ports, 30.5 cm