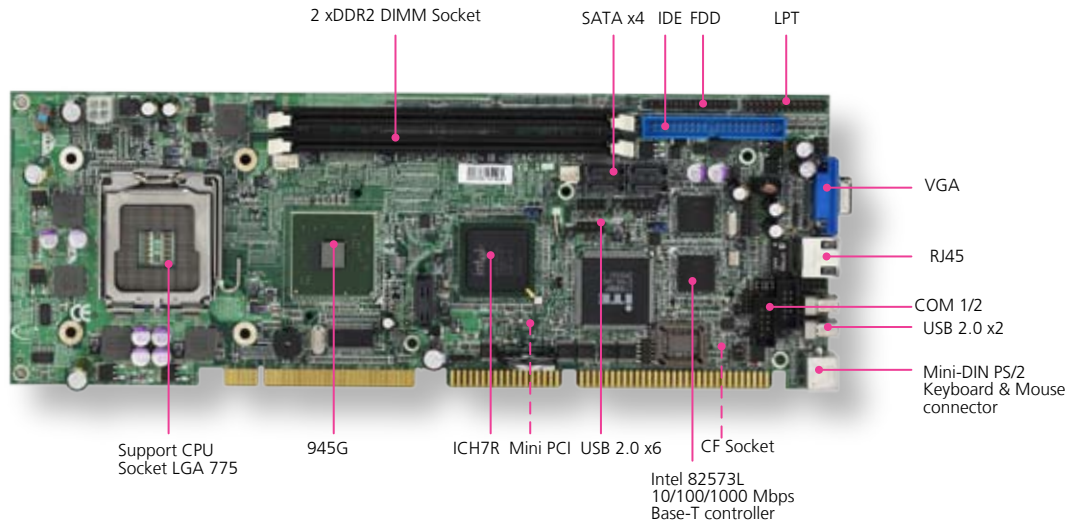


# IAC-F850

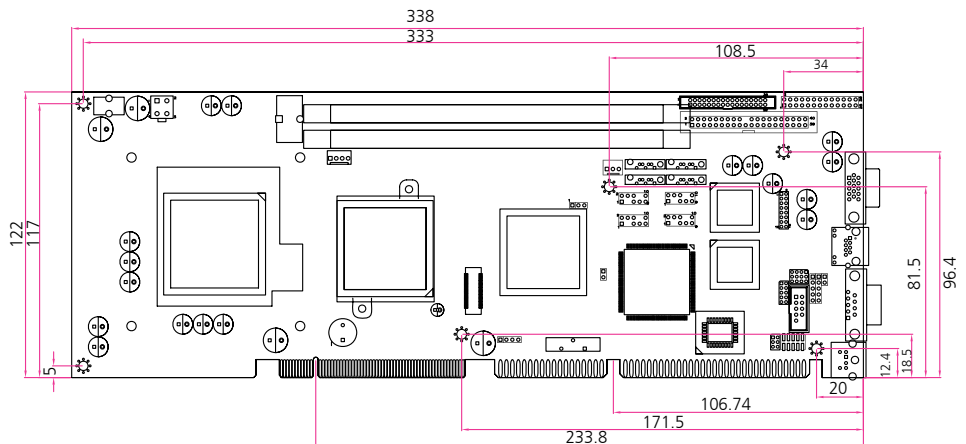
Full-Size PICMG 1.0 SBC, Intel Core 2 Duo, Dual Core Pentium 4 LGA775 with VGA/ SATA/ LAN/ USB/ CF/ COM/ Mini-PCI and optional Audio/ DVI/ TV-Out/ S-Video and LVDS

- VGA
- SATA
- Gb LAN
- USB
- CF
- COM
- Audio
- SDVO
- DVI
- TV-Out
- S-Video



## FEATURES

- Support Intel Core 2 Duo, Dual Core Pentium 4/D
- Intel 82945G chipset with FSB 533/800/1066MHz supports Hyper-Threading Technology
- Two DIMM up to 2GB DDR2 400/533/667 Non-ECC SDRAM
- SDVO supports optional DVI or LVDS / TV-out
- Dual Intel 82573L 10/100/1000Mbps LAN
- Type I/II CF, Mini-PCI socket
- PICMG 1.0 Compliant



**FEATURE DESCRIPTION**

<b>Platform</b>	Form Factor	Full-size, PICMG 1.0
	Processor	Supports LGA775 Intel Core 2 Duo, Dual Core Pentium 4/D with 533/800/1066MHz FSB
	Chipset	Intel® 82945G / 82801GB ICH7R
	BIOS	Award Flash BIOS
	Cache Memory	Processor Built-in
<b>System Memory</b>	Technology	DDR2 400/533/667 SDRAM, Dual-Channel
	Max Capacity	2GB
	Socket	240-pin DIMM x2
<b>Storage Interface</b>	Hard Drive Interface	IDE x1, Serial ATA II x4
	SSD (CF Socket)	CompactFlash III x1
<b>Networking</b>	Speed	10/100/1000 Mbps
	I/O	RJ45 x1 , Option RJ45 x1 on Bracket
	Controller	Intel 82573L
<b>Display</b>	Controller	Intel® 82945G GMCH integrated Graphic Media Accelerator 950 built-in high quality 2D/3D engine and High definition streams for MPEG playback
	Shared memory	DVMT(UMA )mode, 1MB/8MB of memory Pre-allocated
	Output	VGA, optional DVI or LVDS and TV-out
<b>Audio</b>	Codec	Realtek ALC203 AC97 audio codec
	I/O	Mic-in, Line-in, Speaker-out via add on bracket Module
<b>I/O Interface</b>	Floppy Drive Interface	FDD header 2.0mm x 1
	Serial Port	RS-232 x1, RS-232/422/485 x1
	Parallel Port	LPT Pin Header 2.54mm x 1
	Universal Serial Bus	6 (v 2.0) Pin headers, 2 ports
	Serial-ATA	4
	Digital I/O	4bit Digital I/O with pin-header (4 in/4 out)
	Bus interface	PCI /ISA
	IR Interface	115k bps, IrDA 1.0 compliant with pin-header connector
	Keyboard	Mini-DIN PS/2
	Mouse	Mini-DIN PS/2
<b>Hardware Monitoring</b>	Controller	iTE8712F-S Super I/O including CPU temperature, Voltage and FAN Monitoring
	RTC	RTC with Li-Battery
	Watchdog timer	256-level time-out intervals
<b>Cooling</b>	Heatsink & Fan	
<b>Expansion</b>	Mini-PCI x1	
<b>Environmental Parameters</b>	Temperature, ambient operating	0~60°C (32~140°F)
	Humidity (RH), ambient operating	5~95% relative humidity, non-condensing
	Storage Temperature	-20~70°C (-4~158°F)
<b>Physical Dimensions</b>	Dimensions	338x122mm (13.3" x 4.8")
<b>Power</b>	Input	+12V ,+5V,-12V power input
	Form Factor	ATX support
<b>Compliance</b>	CE, RoHS	

**ORDERING INFORMATION**

<b>IAC-F850A</b>	2 x Gb LAN + Audio module
<b>IAC-F850B</b>	1 x Gb LAN
<b>IAC-SL01</b>	Audio and Gb LAN module
<b>IAC-LT01 (IAC-F850A Only)</b>	LVDS / TV-Out / S-Video output module
<b>IAC-DV01 (IAC-F850B Only)</b>	DVI module (note can only select either IAC-DV01 or IAC-LT01)