

FEATURE DESCRIPTION

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| Platform | Form Factor | Full-size, PICMG 1.3 |
| | 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 |
| System Memory | Technology | DDR2 400/533/667 SDRAM, Dual-Channel |
| | Max Capacity | 2GB |
| | Socket | 240-pin DIMM x2 |
| Storage Interface | Hard Drive Interface | IDE x1, Serial ATA II x4 |
| | SSD (CF Socket) | Compact Flash II x1 |
| Networking | Speed | 10/100/1000 Mbps |
| | I/O | RJ45 x1 , Option RJ45 x1 on Bracket |
| | Controller | Intel 82573L x2 |
| Display | 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 |
| Audio | Codec | Realtek ALC203 AC97 audio codec |
| | I/O | Mic-in, Line-in, Speaker-out via add on bracket Module |
| I/O Interface | 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-E/ PCI /ISA |
| | IR Interface | 115k bps, IrDA 1.0 compliant with pin-header connector |
| Hardware Monitoring | Keyboard & Mouse | Mini-DIN PS/2 x1 |
| | 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 | |
| Cooling | Heatsink & Fan | |
| Expansion | Mini-PCI x1 | |
| Environmental Parameters | 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) |
| Physical Dimensions | Dimensions | 338x122mm (13.3" x 4.8") |
| Power | Input | +12V ,+5V,-12V power input |
| | Form Factor | ATX support |
| Compliance | CE, RoHS | |

ORDERING INFORMATION

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| IAC-F849A | 2 x Gb LAN + GMA950 VGA + Audio module |
| IAC-F849B | 1 x Gb LAN + GMA950 VGA |
| IAC-SL01 | Audio and Gb LAN module |

OPTIONAL ACCESSORIES

| ITEM | DESCRIPTION | PART NUMBER |
|-----------------|--|-------------|
| IAC-SL01 | RJ45 x1, AC97 audio Line-out, Line-in and Mic-in by Phone-jack | |

About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline security, storage and applied computing platforms and solutions. With headquarters in Taipei, Taiwan and branches in the U.S., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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