

# FS-A70G2 PICMG 1.3 Single Board Computer for Intel® Core™ 2 Duo CPUs



Intel® Core™ 2 Duo SBC with 2-PCI Express Gigabit LANs, On-board Video



<b>SATA Interface</b>	6 x Serial ATA interface with 300 MB/s transfer rate, support RAID 0/1/5/10 and Intel® matrix storage technology
<b>GPIO Interface</b>	Onboard programmable 8-bit transfer I/O interface
<b>Extended Int. Expansion Slots</b>	1 x mini-PCI socket PCIMG 1.3 interface support 1 x PCI-Express & 1 4 or 4 x 1 PCI-Express, 4-PCI bus master and 4 USB 2.0 interface
<b>Power</b>	+5V, +12V input & 5V
<b>Dimensions</b>	338 mm (L) x 126 mm (W)
<b>Environment</b>	Operating temperature: 0°C to 60°C Storage temperature: -20°C to 80°C Relative humidity: 10% to 90% (Non-condensing)
<b>Certifications</b>	CE approval FCC Class A

## Features

- PICMG 1.3
- Designed for Intel Core 2 Duo, Pentium D processors at 533/800/1066 MHz FSB (Socket LGA775)
- 2 x 240-pin DDR2 RAM 533/667/800 MHz up to 4 GB
- Intel Q965 Chipset
- Built-in Intel Extreme GMA 3000 video
- Dual Gigabit LANs

## Specifications

<b>CPU</b>	Supports Intel® LGA775 Core™ 2 Duo / Pentium® 4 / Pentium® D / Celeron® D processors
<b>Front Side Bus</b>	533/800/1066 MHz
<b>Main Memory</b>	2 x 240-pin DIMM, for up to 4 RAM
<b>Chipset</b>	Intel® Q965 & ICH8DO
<b>BIOS</b>	Award System BIOS, plug & play support, advanced power management and advanced configuration & power interface support
<b>On-board LAN</b>	2 x Intel® 82573L Gigabit Ethernet Controllers, supports Boot from LAN
<b>Display</b>	Intel® Q965 Graphic Media Accelerator, 3000 Technology, Up to 256MB
<b>Audio</b>	Realtek ALC260 2-channel audio
<b>Watchdog Timer</b>	Generates a system reset internal timer for 1 min. ~ 255 min.
<b>I/O Interface</b>	1 x RS232 & 1 x RS232/422/485, 1 x FDD, 1 x IrDA, 1 x LPT, 6 x USB 2.0, 1 x 8-bit GPIO, 1 x Audio, 1 x CDIN

All specifications are subject to change without notice.