

IB-850 Full-Size Socket 478 Single Board Computer



Socket 478 SBC with Intel® 875P Chipset, Video, LAN & MicroAGP



Audio	Built-in audio + AC97 codec
Dimensions	338mm x 122 mm (13.31" x 4.8")
Max. Power	P4 3 GHz w/256 MB DDR, +5V:5:17A +12V:6:17A
Oper. Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	-20° ~ 80° C (-68° ~ 176° F)

FEATURES

- Supports Pentium® 4 / Celeron® processors up to 3.2 GHz, 800 MHz FSB, supports hyper-threading
- DDR DIMM x 2, up to 2 GB
- MicroAGP slot supports ATI M9/M10 VGA, 64 MB LVDS/TV-out/TMDS cards
- On-board 10/100 Base T, Optional Gigabit Ethernet
- 4 x USB 2.0, 2 x SATA, PCI to ISA bridge
- Watchdog timer, DiskOnChip®, ISA High Drive

SPECIFICATIONS

478 Socket	For Pentium® 4/Celeron® to 3.2 GHz
Chipset	Intel® 875P + ICH5R, 400/533/800 MHz FSB
Memory	DDR DIMM x 2, max. 2 GB
BIOS	Award 4 Mbit
Watchdog Timer	256 levels
SSD	DiskOnchip®
Expansion	One MicroAGP slot
VGA	ATI Mobility M7/M9/M10, depending on MicroAGP card selected
VGA Memory	32MB/64MB DDR embedded
LCD Interface	Optional via MicroAGP card, 18/24-bit LVDS (dual channel)
LAN	Intel® 82551 10/100 Mbps Opt. 2nd LAN, Intel® 82547EI, Gigabit
Multi I/O	2 x IDE (UDMA33/66/100, 1 x FFD, 1 x KB, 1 x Mouse, 1 x RS-232, 1 x RS-232/422/485, 1 x LPT, 2 x SATA
USB	Pin header for 4-ports (USB 2.0)

Ordering Information

IB850

Socket 478 Full Size 875P CPU card w/o VGA and w/LAN

IB850F

Socket 478 Full-Size 875P CPU card w/o VGA, w/ 10/100 AND Gigabit LAN

IBA110-64A MicroAGP Daughter Card w/ATI M10 64MB AGP8X VGA Supporting CRT, LVDS, TV-out & 2nd CRT

- Support for AGP 8X, Microsoft® DirectX® 9.0
- Supported by OpenGL® using custom extensions
- Dual channel LVDS up to 85MHz per channel
- 8 bit & 24 bit modes (single/dual channel LVDS)
- Max 2D/3D resolution: 2048x1536, 16.7M colors
- LVDS, TMDS, TV-out: 2048x1536, 1600x1200, 1024x768

IBA110-64 MicroAGP Daughter Card w/ATI M9 64MB VGA Supporting CRT, LVDS, TV-out & 2nd CRT

- Graphics Clock: 250MHz
- Dual channel LVDS up to 85MHz per channel
- 18 bit & 24 bit modes (single & dual channel LVDS)
- Max 2D/3D resolution: 2048x1536, 16.7M colors
- LVDS, TMDS, TV-out: 2048x1536, 1600x1200, 1024x768

USB2K-4

USB cable, USB 2.0 compliant

All specifications are subject to change without notice.

