



Features

- ✓ Supports 90 nm Intel LGA775 Pentium 4 / Celeron D Processors
- ✓ Built with Intel 915GV Chipset, 800/533 MHz FSB
- ✓ Dual-channel DDR memory architecture
- ✓ Supports Dual View display by VGA & DVI
- ✓ On-board 5.1 CH Audio capability
- ✓ Dual GB LAN ports supported
- ✓ PCI slot for expansion
- ✓ Supports total up to four SATA, two COM and eight USB 2.0 ports

SPECIFICATION

System

CPU	90 nm Intel LGA775 Pentium 4 / Celeron D 800/533 MHz FSB
Chipset	Intel 915GV+Intel ICH6
Memory	2 x 184-pin DIMM sockets, support dual-channel DDR 400 SDRAM up to 2GB
BIOS	Award
Hardware Monitoring	System temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
WatchDog Timer	Software programmable 1~255 sec.

Video

Video Controller	Intel 915GV Integrated GMA900 graphics, Intel DVMT 3.0 supports up to 128MB video memory
Video Interface	1 x VGA port, up to 2048 x 1536 @85Hz 1xDVI interface up to 2048x1536@ 85Hz by Chrontel CH7307 DVI transmitter

Ethernet

Controller	2 x10/x100/1000 Marvell 88E8053 PCI Express Ethernet controllers
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Storage

IDE	1 x Parallel ATA IDE port with UDMA33, ATA66/100
SATA	4 x Serial ATA connector high-speed data transfers at up to 150 MB/s

I/O

Serial Port	1 x RS-232 (DB9), 1 x RS-232 internal port
USB Port	4 x USB2.0 External connectors 4 x USB2.0 Internal ports
Audio Interface	Mic in, Line in, CD Audio in, Line out, Rear out and Center/Subwoofer out
Audio Codec	Realtek ALC655 AC97.51CH audio interface
GPI0	On-board programmable 8-bit Digital I/O interface
Parallel Port	LPT Port x 1
Keyboard/Mouse	1 xPS/2 Keyboard and 1 x PS/2 Mouse Connector
Expansion Slot	1 x 32-bit PCI slot
I/O Chipset	Winbond 83627THG

Mechanical & Environment

Dimension	170mm x 170mm (6.7 x 6.7")
Power Requirement	76W (Intel 3.2GHz CPU with 1 GB system memory in DOS V6.22) ATX Power Supply
Operating Temp.	0~60° C(32~140°F)
Relative Humidity	0 to 90% @ 40° C, non-condensing

Packing List

AR-B1798:
MiniITX motherboard
Driver CD
Manual
Bracket
2 x SATA cable
1 x IDE cable(40pin)
1 x COM cable(DB9)
1 x USB cable

Ordering Information

AR-B1798:
IntelR LGA775 PentiumR 4 / CeleronR D processors
Main Board with VGA, DVI, Audio, Dual GB LANs,
8 USB 2.0, HDD Cable, SATA Cable

Optional

190030571-G
DVI Cable 400mm
140060041-G
Low Profile Socket LGA-755 type fan cooler