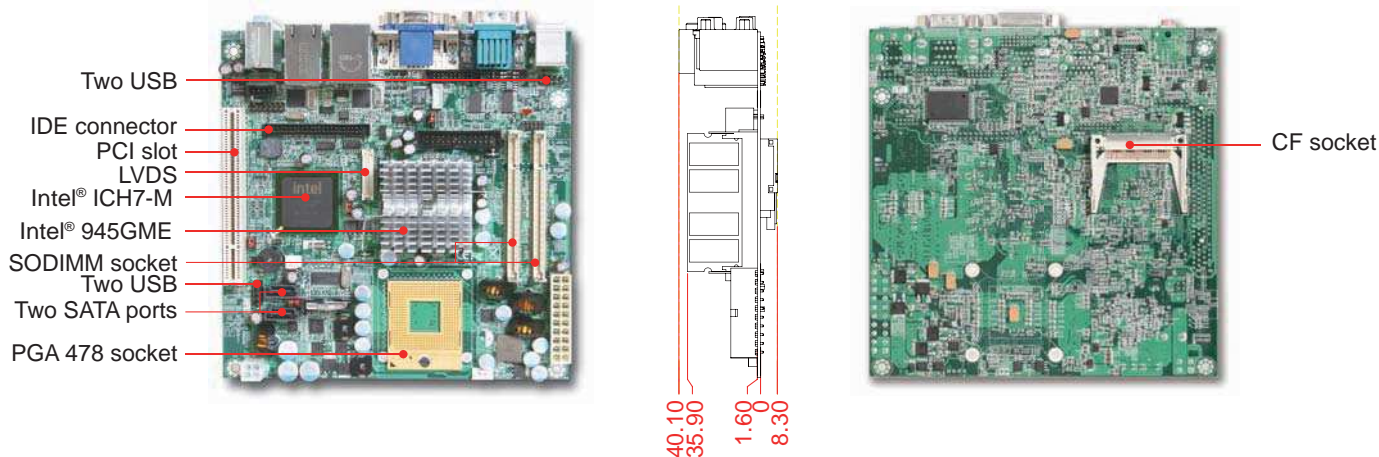


WADE-8065

Network Enriched Intel® Core™ 2 Duo Processor based Mini-ITX Board with Dual Displays, Three GbE LAN ports, Audio and USB

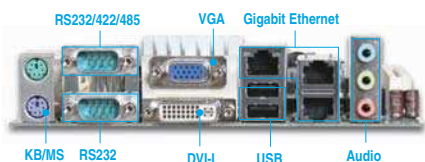


WADE-8065 is a network bandwidth-enriched solution. With a low power consumption mobile processor, it not only provides more than adequate computing power, but also eliminates most heat issue. Dual video outputs are supported by two-channel memory structure that enhances graphic performance. Three GbE LAN ports provide the wide bandwidth necessary for communication or network related applications. WADE-8065 is the preferred choice where high price/performance ratio is a criterion.

FEATURES

- Intel® Core™ 2 Duo / Core™ solo / Core™ Duo and Celeron® M processors
- Intel® 945GME and ICH7-M Chipset
- Two 200-pin SO-DIMMs support dual channel DDR2 SDRAM up to 4GB
- Dual Display: VGA / DVI / LVDS, 3rd Display via expansion slot
- Three Intel® Gigabit Ethernet

REAR I/O



ORDERING GUIDE

| | |
|-----------------|--|
| AB1-3203 | WADE-8065.Mini-ITX ESB.Intel Pentium M-Dual Core.w/DDR SDRAM/VGA/LVDS/DVI/Dual Display/GbE/Audio |
|-----------------|--|

PACKING LIST

| |
|-----------------------------------|
| One WADE-8065 Mini-ITX Main Board |
| One Installation CD |
| One IDE Cable |
| One IO shield |
| One CPU Fan |

GENERAL

| | |
|---------------------|--|
| Processor | - Intel® Core™ 2 Duo / Core™ Duo / Core™ Solo / Celeron® M processor in PGA 478 package - FSB 533/667MHz - Support Enhanced Intel SpeedStep® Technology, Intel® 64 architecture, Execute Disable Bit |
| Chipset | Intel® 82945GME Graphics and Memory Controller (7W) and ICH7M |
| BIOS | Award BIOS |
| Memory | Support dual channel up to 4GB DDR2 400/533/667 MHz SDRAM on two 200-pin SODIMM socket |
| Storage Devices | - 2x SATA support up to 3.0Gb/s data transfer rate - 1x 44pin IDE connector supports Ultra DMA100/66/33 MB/s - 1x Compact Flash socket supports Ultra DMA100/66/33 MB/s |
| Watchdog Timer | Programmable via S/W from 1 sec. to 255 min. |
| Hardware Monitoring | FAN Speed (CPU & System), Temperature (CPU & System), Voltage, Case open function |
| Expansion Interface | - 1x PCI 32bit slot |

I/O INTERFACE

| | |
|------------------|--|
| Super IO | Winbond W83627THG |
| Audio | - Intel® 945GME built-in High Definition Audio up to 96-kHz 24-bit - Realtek ALC662-GR, 5.1 channels - Audio Jack DIP Light Pink/Lime/Light Blue |
| Ethernet | Intel® 82574L triple gigabit ethernet |
| Serial Port | - 1x RS232 port on rear IO - 1x RS232/422/485 selectable port on rear IO |
| USB | - 2x USB 2.0 ports on rear IO - 4x USB 2.0 ports on board with header - 480 Mb/s bus comprehends the high-speed / full-speed / low-speed data ranges |
| Keyboard & Mouse | 1x PS/2 Keyboard & Mouse on rear IO |
| GPIO | Onboard programmable 8-bit Digital I/Os |
| Other | 1x parallel port on board box header |

DISPLAY

| | |
|--------------------|---|
| Graphic Controller | Intel® 945GME GMCH Integrated Graphics Media Accelerator (GMA) 950 supports hardware acceleration of video decode standards MC |
| Display Interface | - VGA: dual channel 18-bit VGA, analog resolution up to 2048x1536 (QXGA) - LVDS: dual channel 18-bit LVDS, Digital LVDS resolution up to 1600x1200 (UXGA) - DVI: dual channel 18-bit DVI through Chronitel CH7307 |

Mechanical & Environment

| | |
|--------------|--|
| Dimension | 170(L) x 170(W) mm; 6.69"(L) x 6.69"(W) |
| Power Supply | -Typical: +12V(CPU)@1.16A;+12V@0.32A;+5V@1.58A;+3.3V@0.74A -Support ATX mode |
| Environment | - Operation Temperature: 0°C to 55°C - Relative Humidity: 0% to 90%, non-condensing |
| MTBF | Over 120,000 hours at 40°C |

