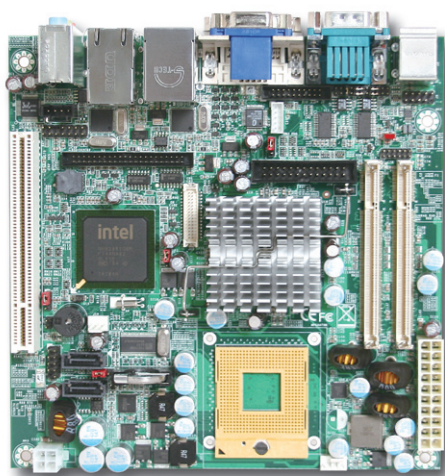


WADE-8065

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



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

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 any heat issues. 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.

SYSTEM

CPU	Intel® Core™ 2 Duo / Core™ Duo / Core™ Solo processor
FSB	667/533 MHz
BIOS	Award BIOS
System Chipset	Intel® 945GME and ICH7-M Chipset
System Memory	2 x 200-pin dual channel DDR2 SDRAM DIMM 667/533 MHz support up to 4GB
Storage	- 1 x IDE - 2 x SATA
SSD	1 x Compact Flash
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
GPIO	On-board programmable 8-bit Digital I/O interface
Expansion	1 x PCI slot

I/O

MIO	1 x RS232, 1 x RS232/422/485 selectable, 1 x K/B, 1 x Mouse, 3 x GbE
USB	2 x USB 2.0 ports and 4 x USB 2.0 with header
Audio Interface	Mic-in, Line-in, Line-out, High Definition Audio 5.1 channel
Ethernet Interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant (Intel® 82574L)

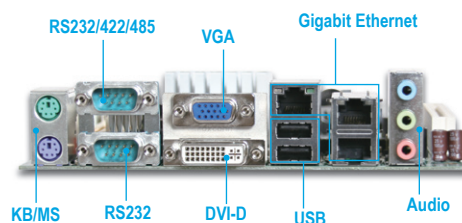
DISPLAY

Chipset	Intel® 945GME Integrated Intel® GMA 950 graphics
Display Memory	Integrated Intel® Graphics Media Accelerator GMA 950, and share system memory to 224 MB
Resolution	Analog Display Port: QXGA 2048 x 1536 Digital LVDS Port: UXGA 1600 x 1200
Multi Display	18-bit, dual Channel LVDS / VGA / DVI (Chrontel CH7307)

MECHANICAL & ENVIRONMENTAL

Power Requirement	+12V(CPU) @ 1.16A; +12V(System) @ 0.32A; +5V @ 1.58A; +3.3V @ 0.74A
Operating Temperature	0~55°C
Operating Humidity	0%~90% relative humidity, noncondensing
Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
Weight	0.94 lbs (0.43 Kg)

REAR I/O



※DVI-I connector support DVI-D signal only

ORDERING GUIDE

- **WADE-8065**
Intel® Core™ 2 Duo processor Mini-ITX Board with VGA, LCD, Audio, three GbE LANs and 6 USB 2.0 ports
- **PEP-581R/582R**
One/Two slots PCI riser card
- **B9970540**
1U active cooler