

WADE-8046

Intel® Core™ 2 Duo processor based Mini-ITX Board with DDR2 SDRAM, VGA/ LVDS / DVI, Gigabit Ethernet, Audio and USB



FEATURES

- Intel® Core™ 2 Duo / Core™ Duo / Celeron® M processor
- Intel® 945GME and ICH7-M chipset
- Two 200-pin SO-DIMM support dual channel DDR2 SDRAM up to 4GB
- Dual display: VGA / LVDS / DVI, 3rd display via PCI-Express x1 graphic card
- One PCI-Express x1 expansion slot and one Mini PCI socket
- One Compact Flash socket & high definition audio

WADE-8046 is a high performance Mini-ITX embedded board for applications that need dual channel DDR2 memory, two Gigabit Ethernet ports, one expansion PCI-Express x1 slot and one Mini PCI-Express socket. Built in Intel® 945GME and ICH7-M chipset, it takes advantage of Intel® Core™ 2 Duo / Core™ Duo /

Celeron® M processor. WADE-8046 can provide triple display for diversity applications such as Lottery, Medical, Gaming and Digital Signage.

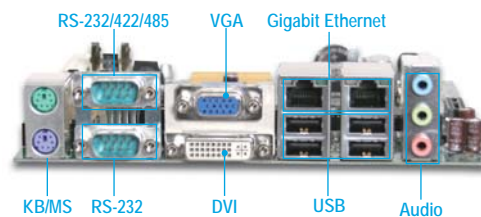
SYSTEM	
CPU	Intel® Core™ 2 Duo / Core™ Duo / Celeron® M processor
FSB	533/667MHz
BIOS	Award BIOS
Chipset	Intel® 945GME GMCH and ICH7-M
System Memory	Two 200pin SO-DIMM support dual channel DDR2 SDRAM up to 4GB
Storage	- 2 x SATA - 1 x 44 pin IDE
SSD	1 x Compact Flash share the same channel with IDE and support UDMA
Watchdog Timer	Programmable via S/W from 1sec. to 255min.
H/W Monitor	FAN Speed(CPU and System), Temperature(CPU and System), Voltage, Case open function
GPIO	Onboard programmable 8-bit Digital I/Os
Expansion	1 x PCI-Express x1 slot, 1 x Mini PCI socket

I/O	
MIO	3 x RS232 ports, 1 x RS232/422/485 selectable, 1 x LPT, 1 x K/B, 1 x Mouse
IrDA	N/A
USB	4 x USB 2.0 ports and 4 x USB 2.0 ports with header
Audio Interface	Line-out, Line-in and Mic-in
Ethernet interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant

DISPLAY	
Chipset	- Intel® 945GME GMCH Integrated - Intel® GMA 950 graphics
Display Memory	Intel® DVMT 3.0 supports up to 224MB video memory
Resolution	Analog Display: Up to 2048 x 1536 (QXGA) Digital LVDS: Up to 1600 x 1200 (UXGA) Digital DVI: Up to 1600 x 1200 (UXGA)
LVDS	Dual Channel 18-bit

MECHANICAL & ENVIRONMENTAL	
Power Requirement	TBD
Operating Temperature	0-60°C
Operating Humidity	5%-95% non-condensing
Size (L x W)	6.69" x 6.69" (170mm x 170mm)
Weight	0.95 lbs (0.43Kg)

REAR I/O



ORDERING GUIDE

■ WADE-8046

Intel® Core™ 2 Duo / Core™ Duo / Celeron® M processors Mini-ITX Board



- Specifications are subject to change without notice.
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