

WADE-8055

Network Enriched Intel® Core™ 2 Duo Processor based Mini-ITX Board with Dual Displays and Two GbE



FEATURES

- Intel® Core™ 2 Duo / Pentium® 4 / Celeron® D Processor
- Intel® 945G and ICH7 Chipset
- Two 200pin SO-DIMMs support dual channel DDR2 SDRAM up to 4GB
- Four SATA ports support
- Two GbE-LAN ports and one PCI slot
- Max. two COM and eight USB 2.0 ports
- All capacitors are solid type

SYSTEM

CPU	Intel® Core™ 2 Duo / Pentium® 4 / Celeron® D processor (LGA 775)
FSB	FSB 1066/800/533 MHz
BIOS	Award BIOS
System Chipset	Intel® 945G and ICH7 Chipset
System Memory	2 x 200-pin DDR2 SO-DIMM socket support up to 4GB dual channel 667/533 MHz
Storage	Support 4 SATA 300 drives
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
IrDA	N/A
USB	6 x USB 2.0 ports and 2 x USB 2.0 with header
Audio Interface	Mic in, Line in, CD Audio in, Line out
Ethernet Interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant (Realtek 8111C x2)

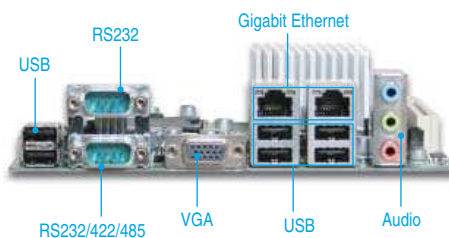
DISPLAY

Chipset	Intel® 945G GMCH
Display Memory	Integrated Intel® Graphics Media Accelerator GMA 950, and share system memory to 224 MB
Resolution	Analog Display: Up to 2048 x 1536 (QXGA)
LVDS	N/A

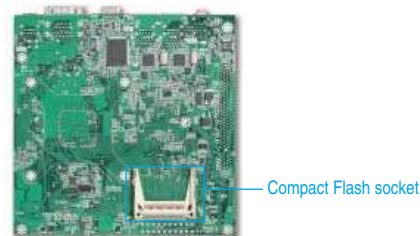
MECHANICAL & ENVIRONMENTAL

Power Requirement	+5V @ 2.35A ; +12V @ 2.46A ; +12V(system) @ 0.48A ; +3.3V @ 3.65A
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



SOLDER SIDE



ORDERING GUIDE

- **WADE-8055**
Intel® Core™ 2 Duo / Pentium® 4 / Celeron® D processors Mini-ITX Board
- **PEP-581R/582R**
One/Two slots PCI riser card
- **PEP-582L**
Two slots PCI riser card
- **EZCool**
Compact 1U active heatsink suitable for Intel® Core™ 2 Duo processor (blow 65W)