

# 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

<b>CPU</b>	Intel® Core™ 2 Duo / Pentium® 4 / Celeron® D processor (LGA 775)
<b>FSB</b>	FSB 1066/800/533 MHz
<b>BIOS</b>	Award BIOS
<b>System Chipset</b>	Intel® 945G and ICH7 Chipset
<b>System Memory</b>	2 x 200-pin DDR2 SO-DIMM socket support up to 4GB dual channel 667/533 MHz
<b>Storage</b>	Support 4 SATA 300 drives
<b>SSD</b>	1 x Compact Flash
<b>Watchdog Timer</b>	Reset: 1 sec. ~255 min. and 1 sec. or 1 min./Step
<b>H/W Status Monitor</b>	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
<b>GPIO</b>	On-board programmable 8-bit Digital I/O interface
<b>Expansion</b>	1 x PCI slot

### I/O

<b>MIO</b>	1 x RS232, 1 x RS232/422/485 selectable
<b>IrDA</b>	N/A
<b>USB</b>	6 x USB 2.0 ports and 2 x USB 2.0 with header
<b>Audio Interface</b>	Mic in, Line in, CD Audio in, Line out
<b>Ethernet Interface</b>	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant (Realtek 8111C x2)

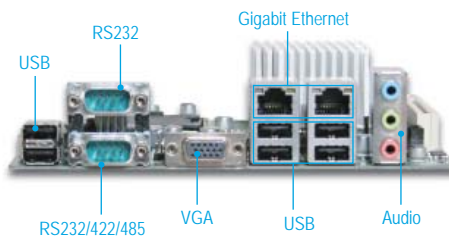
### DISPLAY

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

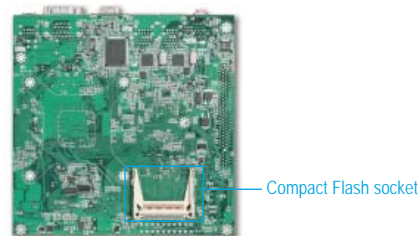
### MECHANICAL & ENVIRONMENTAL

<b>Power Requirement</b>	+5V@2.35A ; +12V@2.46A ; +12V(system)@0.48A ; +3.3V@3.65A
<b>Operating Temperature</b>	0-55°C
<b>Operating Humidity</b>	0%-90% relative humidity, noncondensing
<b>Size (L x W)</b>	6.69" x 6.69" (170 mm x 170 mm)
<b>Weight</b>	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)