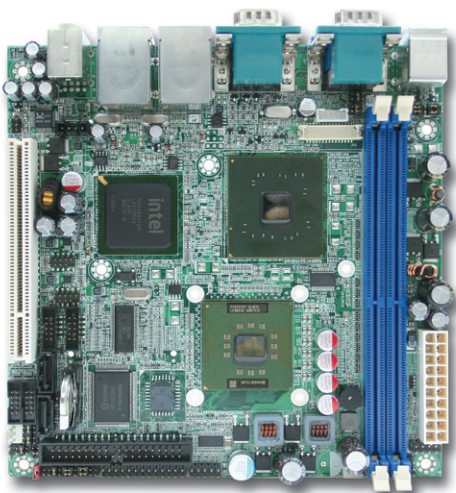


# WADE-8047

On board Dual VGA Intel® Celeron® M / Pentium® M Processor Mini-ITX with DDR2 SDRAM, LVDS, Four COM Ports and USB



## FEATURES

- Intel® Pentium® M / Celeron® M processor
- Intel® 910GML E and ICH6-M chipset
- Two 240-pin DIMMs support dual channel DDR2 SDRAM up to 2GB
- Dual Display: Dual VGA / 18-bit LVDS
- Two 10/100mbps LAN and one PCI slot
- Two SATA ports, One IDE connector and One Type II Compact Flash
- Four COM Ports and Eight USB Ports

The WADE-8047 is a Mini-ITX embedded board featured its onboard dual VGA ports that can deliver better cost effective benefits when choosing display devices for operating. In addition, it can also provide LVDS, Dual channel DDR2 memory, two SATA ports, two 10/100 BASE-T Ethernet and expansion PCI

slot. With low power Intel® Pentium® M / Celeron® M processor and Intel® 910GML E and ICH6-M chipset, WADE-8047 can meet diversity applications such as Gaming, Lottery, Medical, and Digital Signage.

### SYSTEM

|                    |   |
|--------------------|---|
| CPU                | Intel® Pentium® M / Celeron® M processor  |
| FSB                | 400 MHz   |
| BIOS               | Award BIOS  |
| System Chipset     | Intel® 910GML E GMCH and ICH6-M Chipset   |
| System Memory      | Two 240-pin DIMMs support dual channel DDR2 SDRAM up to 2GB                         |
| Storage            | - 2 x SATA<br>- 1 x 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 Status Monitor | FAN Speed(CPU and System), Temperature(CPU and System), Voltage, Case open function |
| GPIO               | On board programmable 8-bit Digital I/Os  |
| Expansion          | 1 x PCI slot  |

### MECHANICAL & ENVIRONMENTAL

|                       |  |
|-----------------------|--|
| Power Requirement     | +12V(System) @ 2.40A; +5V @ 2.97A; +3.3V @ 0.45A |
| Operating Temperature | 0~55°C   |
| Operating Humidity    | 5%~95% non-condensing                            |
| Size (L x W)          | 6.69" x 6.69" (170 mm x 170 mm)                  |
| Weight                | 0.95 lbs (0.43 Kg)                               |

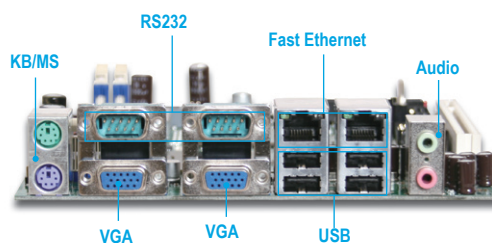
### I/O

|                    |   |
|--------------------|---|
| MIO                | 1 x EIDE, 1 x LPT, 3 x RS232 port, 1 x RS232/422/485 selectable, 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    | Mic-in, Line-in   |
| Ethernet Interface | IEEE 802.3 10/100BASE-T Ethernet compliant  |

### DISPLAY

|                |   |
|----------------|---|
| Chipset        | Intel® 910GML E GMCH Integrated Intel® GMA 900 graphics                             |
| Display Memory | Intel® DVM T 3.0 share system memory up to 128MB                                    |
| Resolution     | Analog Display: Up to 2048 x 1536 (QXGA)<br>Digital LVDS: Up to 1400 x 1050 (SXGA+) |
| Second VGA     | SDVO interface  |
| LVDS           | 18-bit, dual Channel  |

## REAR I/O



## ORDERING GUIDE

### ■ WADE-8047

Intel® Pentium® M / Celeron® M processors Based Mini-ITX Board with Dual VGA, 18-bit LVDS, Dual LAN, Four COM Ports and Eight USB 2.0 Ports