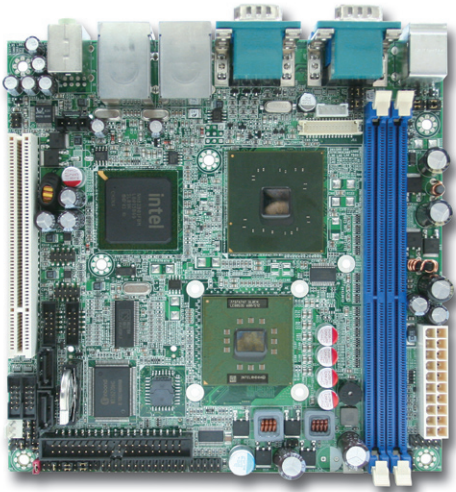




# WADE-8047

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 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 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 GMCH and ICH6-M Chipset
System Memory	Two 240-pin DIMMs support dual channel DDR2 SDRAM up to 2GB
Storage	- 2 x SATA - 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)

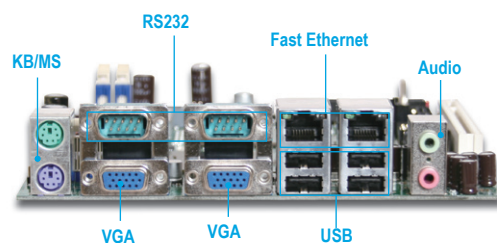
### I/O

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 (Realtek 8111)

### DISPLAY

Chipset	Intel® 910GML GMCH Integrated Intel® GMA 900 graphics
Display Memory	Intel® DVM 3.0 share system memory up to 128MB
Resolution	Analog Display: Up to 2048 x 1536 (QXGA) Digital LVDS: Up to 1400 x 1050 (SXGA+)
Second VGA	SDVO interface (CH7317)
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
- **WADE-8047-600**  
Intel® Celeron® M 600MHz (512KB Cache) Based Mini-ITX Board with Dual VGA, 18-bit LVDS, Dual GbE LAN, Four COM Ports and Eight USB 2.0 Ports
- **WADE-8047**  
Intel® Celeron® M 1.0GHz (Zero Cache) Based Mini-ITX Board with Dual VGA, 18-bit LVDS, Dual GbE LAN, Four COM Ports and Eight USB 2.0 Ports