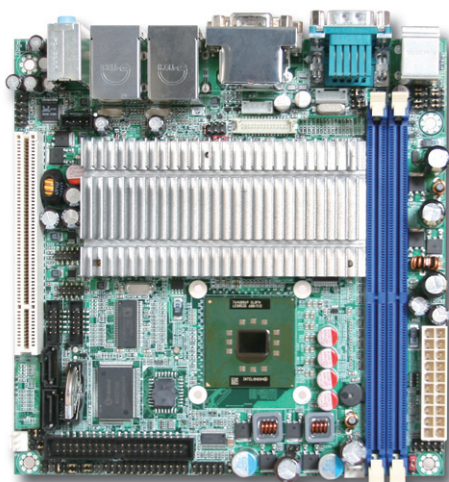


WADE-8044

Ultra Low Voltage Intel® Celeron® M Processor Mini-ITX with Dual Display, Gigabit Ethernet, Audio and USB



FEATURES

- Intel® Pentium® M / Celeron® M processor
- Intel® 915GME / 910GMLE and ICH6M chipset
- Two 240-pin DIMMs support dual channel DDR2 SDRAM up to 2GB
- Dual Display by VGA / LVDS, DVI (optional)
- One Type II Compact Flash
- Two GbE LAN ports

The WADE-8044 is cost effective Mini-ITX embedded board for applications that need Dual channel DDR2 memory, Gigabit Ethernet. With low power Intel® Pentium® M / Celeron® M processor, Intel® 915GME/910GMLE and ICH6M chipset,

WADE-8044 not only a fanless solution but also can provide triple display for diversity applications such as Lottery, Medical, Gaming and Digital Signage.

SYSTEM

CPU	Intel® Pentium® M / Celeron® M processor
FSB	- 400 MHz (910MLE) - 400/533MHz (915GME)
BIOS	Award BIOS
System Chipset	Intel® 915GME / 910GMLE GMCH and ICH6-M
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
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/O interface
Expansion	1 x PCI slot

I/O

MIO	1 x EIDE, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485 selectable, 1 x K/B, 1 x Mouse, 2 x GbE
IrDA	N/A
USB	4 x USB 2.0 ports and 4 x USB 2.0 with header
Audio Interface	Mic in, Line out
Ethernet Interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant

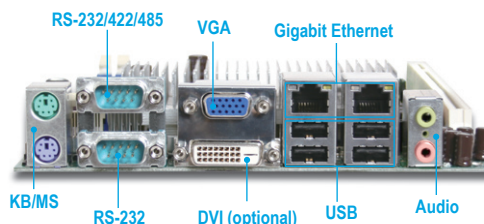
DISPLAY

Chipset	- Intel® 915GME / 910GMLE GMCH Integrated - Intel GMA 900 graphics
Display Memory	Intel® DVM 3.0 supports up to 128MB video memory
Resolution	Analog Display: Up to 2048 x 1536 (QXGA) Digital LVDS: Up to 1600 x 1200 (UXGA)
LVDS	Dual Channel 18-bit

MECHANICAL & ENVIRONMENTAL

Power Requirement	TBD
Operating Temperature	0~55°C
Operating Humidity	5%~95%, 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



ORDERING GUIDE

- **WADE-8044**
Intel® Pentium® M / Celeron® M processors Mini-ITX Board with DVI, VGA, LVDS
- **WADE-8044-600**
Intel® Celeron® M 600MHz Mini-ITX Board with VGA, LVDS