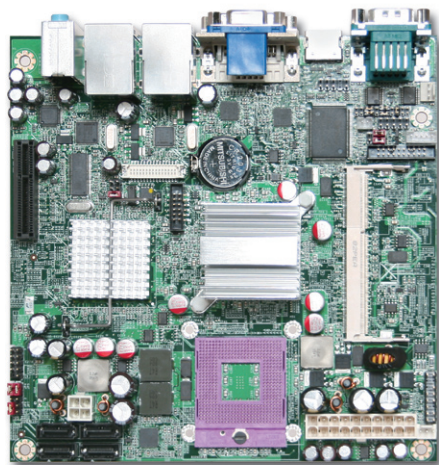




WADE-8067

Leading Intel® 45nm Core™ 2 Duo processor or Celeron® M processor based Mini-ITX with DDR3 SDRAM, HDMI, Dual Gigabit Ethernet, Audio and USB



FEATURES

- Intel® Core™ 2 Duo / Celeron® M processors
- Intel® GM45 and ICH9M-E Chipset
- Two SO-DIMMs support dual channel DDR3 SDRAM up to 8GB
- Dual Display: VGA / DVI / HDMI / LVDS / TV-out, 3rd Display via PCI-Express graphic card
- Support Intel® Active Management Technology 4.0
- Integrated latest Trusted Platform Module (iTPM)

Built with latest mobile Intel® GM45 Express chipset, WADE-8067 takes advantage of Intel® Core™ 2 Duo technologies which has high performance and excellent power management features. It not only supports dual display by VGA / DVI / HDMI / LVDS / TV-out and the third display via PCI-Express expansion slot.

In addition, with its display-enriched interface it can support various multimedia devices, WADE-8067 is one industrial-grade embedded Mini-ITX motherboard for POS, Lottery, Medical, Gaming, DVR, Digital Signage and Kiosk.

SYSTEM

CPU	Intel® Core™ 2 Duo processor
FSB	667/800/1066MHz
BIOS	AMI BIOS
System Chipset	Intel® GM45 and ICH9M-E Chipset
System Memory	Two 204pin SO-DIMMs support dual channel DDR3 SDRAM up to 8GB
Storage	4 x SATA
Watchdog Timer	Programmable via S/W from 1sec. to 255min
H/W Monitor	FAN Speed(CPU and System), Temperature(CPU and System),Voltage, Case open function
GPIO	On board programmable 8-bit Digital I/Os
Expansion	One PCI-E x 4 slot

MECHANICAL & ENVIRONMENTAL

Power Requirement	+12V(CPU) @ 0.53A; +12V(System) @ 0.2A; +5V @ 1.96A; +3.3V @ 0.16A
Operating Temperature	0~60°C
Storage Temperature	-20~80°C
Operating Humidity	5~95% non-condensing
Dimension	6.69" x 6.69" (170 mm x 170 mm)

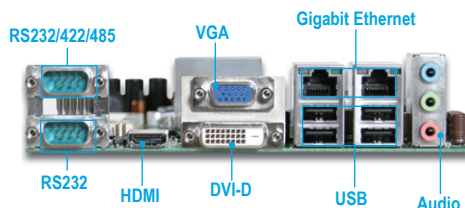
I/O

MIO	1 x RS232, 1 x RS232/422/485, 1 x TV-out header
USB	4 x USB 2.0 ports and 2 x USB 2.0 with header
Audio Interface	Mic-in, Line-in and Line-out, High Definition Audio 2.1 channel
Ethernet Interface	IEEE 802.3 10/100/1000BASE-T Gigabit Ethernet compliant (Intel® 82567 and 82574L)

DISPLAY

Chipset	Intel® GM45 GMCH Integrated Intel® Graphics Media Accelerator (GMA) 4500MHD
Display Memory	Intel® Dynamic Video Memory Technology (Intel® DVM 5.0)
Multi Display	LVDS / DVI-D (Chrontel CH7318B) / HDMI (Chrontel CH7318B) / VGA / TV-out

REAR I/O



ORDERING GUIDE

- **WADE-8067PE**
Intel® Core™ 2 Duo and Intel® Celeron® M processor Based Mini-ITX Board with VGA, DVI, HDMI, TV-out, Dual GbE LAN, Audio and USB
- **PEP-5A1X1**
One PCI-E x4 riser card
- **B6931170**
Active cooler