FEATURES

- Intel® ATOM™ N270 1.6GHz processor
- Intel® 945GSE and ICH7-M chipset
- One 200-pin SO-DIMM supports single channel DDR2 SDRAM up to 2GB
- Dual display: VGA / LVDS, 3rd display via PCI-Express x1 graphic card
- One PCI-Express x1 expansion slot
- 12V DC Input
- 20mm height supports thin client application

Built with Intel® mobile 945GSE chipset, WADE-8071 takes advantage of Intel® Atom™ N270 technologies. WADE-8071 features with its low power and also can provide dual displays such as LVDS and VGA. In addition, WADE-8071 has one SO-DIMM socket which supports DDR2 SDRAM, one Gigabit Ethernet, two RS232 serial ports, two SATA, six USB ports and one PCI-Express x1 expansion slot. WADE-8071 is not only a suitable choice for fanless and low profile usage but also the best solution for POS, Medical, Gaming and Digital Signage applications.

SYSTEM

CPU	Intel® ATOM™ N270 1.6GHz processor
FSB	533/667 MHz
BIOS	Award BIOS
Chipset	Intel® 945GSE GMCH and ICH7-M
System Memory	One 200-pin SO-DIMM supports single 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 Monitor	FAN Speed(CPU and System), Temperature (CPU and System),Voltage, Case open function
GPIO	Onboard programmable 8-bit Digital I/Os
Expansion	1 x PCI-Express slot

I/O

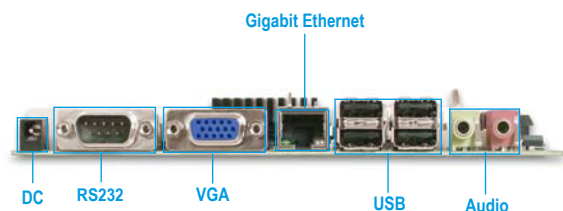|	
MIO	1 x IDE, 2 x RS232 ports, 1x K/B, 1 x Mouse, 1 x CF
USB	4 x USB 2.0 ports and 2 x USB 2.0 with header
Audio Interface	Mic-in, Line-out
Ethernet Interface	IEEE 802.3 10/100/1000 BASE-T Gigabit Ethernet compliant

DISPLAY

Chipset	Intel® 945GSE GMCH Integrated Intel® GMA 950 graphics
Graphic Memory	Intel® DVMT 3.0 share system memory up to 128MB
Multi Display	- Analog Display: Up to 2048 x 1536 (QXGA) - Digital LVDS: Up to 1600 x 1200(UXGA)
LVDS	Dual Channel 18-bit and 24-bit output

MECHANICAL & ENVIRONMENTAL

Power Requirement	DC Input
Operating Temperature	0~60°C
Operating Humidity	10%~90% non-condensing
Dimension	6.69'' x 6.69'' (170mm x 170mm)

REAR I/O

DC RS232 VGA Gigabit Ethernet USB Audio

ORDERING GUIDE

WADE-8071

Intel® Low Power Atom™ N270 1.6GHz Processor based Mini-ITX Board with DC12V input, dual display, Gigabit Ethernet, Two SATA Ports, Two COM ports and Six USB Ports support thin client application.

* Specifications are subject to change without notice.
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