

# WEBS-4330

Embedded rugged compact fan-less system with Intel® Atom™ N270 based Mini-ITX board



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## FEATURES

- Intel® Atom™ N270 1.6GHz processor and Intel 945GSE + ICH7-M chipset
- Dual Display (VGA/DVI-D), Dual Gigabit Ethernet and Dual RS232
- Analog Display: up to 2048\*1536 (QXGA)
- Optional GADIWA-R9271(9~27V) for IVI application
- Rugged and Fan-less design is ideal for Environment-critical application
- External GPIO (4 in, 4 out) for digital control
- Versatile mounting solutions such as Wall and Panel mount (Optional)
- Single DC 12~36V power input for easy system intergration
- Two interfaces of DC power input by adaptor plug or wiring type
- OP Vibration: 5Grms/5~500Hz
- OP Shock:50G, 11 msec.
- IP40 Rating

## ORDERING GUIDE

WEBS-4330-1600	System with WADE-8170 (Atom™ N270 1.6GHz ) with DC Jack + Adaptor + 2GB DDR2 + 160GB HDD
WEBS-4330-1603	System with WADE-8170 (Atom™ N270 1.6GHz ) + GADIWA-R9271 with wire type power input interface



## System

M/B	WADE-8170
System Chipset	Intel® 945GSE GMCH integrated GMA 950 Graphics and ICH7-M
CPU	Intel® Atom™ N270 1.6GHz processor
FSB	533 MHz
BIOS	Award BIOS
System Memory	One 200-pin SO-DIMM supports DDR2 400/533 up to 2GB
Storage	1×CF, 1× SATA 2.5" HDD
Watchdog Timer	Programmable via S/W from 1 sec.~255min.
H/W Status Monitor	Temperature (CPU and System), Voltage

## External I/O

Serial Port	2 × RS232
Display	1 × VGA + 1 × DVI-D
USB	4 × USB 2.0
Audio Interface	Line-in, Line-out and Mic-in (ALC655)
Ethernet	2×Gigabit Ethernet (ALC8111C)
Others	8-bits GPIO ; PS2 KB+MS

## Power Supply Unit

Power Input	DC 12~36V
Adaptor	AC 100~240V
Optional wire type DC-IN	DC 9~27V

## Environmental

Operation Temperature	-5~45°C
Storage Temperature	-20~80°C
Relative Humidity	95% @ 40°C, non-condensing
Operation Vibration	5Grms / 5~500Hz, IEC 60068-2-27
Operation Shock	50G, 11 msec. , IEC 60068-2-27

## Mechanical

Dimension	200 × 200 × 62 mm ; 7.9"×7.9"×2.4"
Weight	1.9 kg
Mounting	Desk , Wall / Panel-mounting