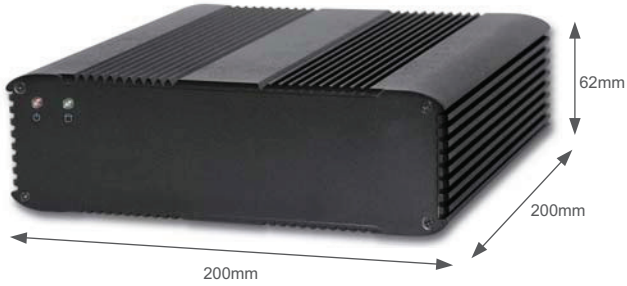


# WEBS-4330

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



## Features

- Intel® Atom™ N270 1.6GHz processor and Intel® 945GSE+ ICH7-M chipset
- Two interfaces of 12V, 15V~24V wide range input
- Dual display (VGA / DVI), Dual Gigabit Ethernet and Dual RS232
- 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)

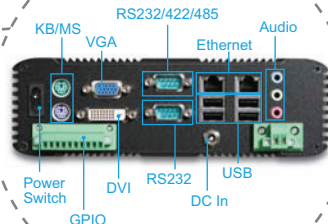
For digital control requirement, the user can link the WEBS-4330 through Digital I/O (4 in, 4 out)

Convenient data access via an easy-to-open front cover

Customized Logo printing or customized color with MOQ

For IVI applications, the user can choose the GADIWA-R9271 module install inside WEBS-4330 for wide range power input

For easy power input, WEBS-4330 is designed with two power input interface. One is by adaptor plug, and the other is by wiring



## Ordering Guide

WEBS-4330-1600	System with WADE-8170 (Atom™ N270 1.6GHz) with DC Jack + Adaptor + 2GB DDR2 + 160GB HDD
WEBS-4330-1601	System with WADE-8170 (Atom™ N270 1.6GHz) with DC Jack + Adaptor
WEBS-4330-1602	System with WADE-8170 (Atom™ N270 1.6GHz) with wire type power input interface
WEBS-4330-1603	System with WADE-8170 (Atom™ N270 1.6GHz) + GADIWA-R9271 with wire type power input interface
WEBS-4330 Chassis	Chassis Assembly with DC Jack + Adaptor (for WADE-8170)

# WEBS Embedded Fan-less Systems



Wide Range Power Input      Wide Temp. Range      Rich Function      Rich Function      Slim & Cable-less

Model		WEBS-4330	WEBS-1310	WEBS-1330	WEBS-1340	WEBS-3332
<b>Embedded Board</b>		WADE-8170	PEB-2738	PEB-2131VG2A	PEB-2780	WADE-8071
<b>Platform</b>	Form Factor	MINI-ITX	3.5" ECX	3.5" ECX	3.5" ECX	MINI-ITX
	Intel® Processor	Atom™ N270 1.6GHz	Atom™ Z510 1.1GHz Atom™ Z520 1.3GHz	Atom™ N270 1.6GHz	Atom™ N450 1.6GHz	Atom™ N270 1.6GHz
	Intel® Chipset	945GSE+ICH7-M	US15W PT	945GSE+ICH7-M	ICH8-M	945GSE+ICH7-M
	FSB	533MHz	400MHz / 533MHz	533MHz / 667MHz	667MHz	533MHz
	BIOS	Award BIOS	AMI BIOS	Award BIOS	Award BIOS	Award BIOS
<b>Memory</b>	Socket	200-pin SO-DIMM	200-pin SO-DIMM	200-pin SO-DIMM	200-pin SO-DIMM	200-pin SO-DIMM
	Max. Memory	DDR2 2GB	DDR2 2GB	DDR2 2GB	DDR2 2GB	DDR2 2GB
<b>Storage</b>	Solid State	CF Socket	CF Socket	CF Socket	CF Socket	CF Socket
	HDD	2.5" SATA HDD	2.5" SSD	2.5" SATA HDD	2.5" SATA HDD	N/A
<b>Networking</b>	Controller (interface)	ALC8111C (PCI-E x1)	Intel® 82574IT (PCI-E x1)	RTL8111D-VB-GR (PCI-E x1)	1x Intel® 82657V 1x Intel® 82583V (PCI-E x1)	RTL8111C-VC (PCI-E x1)
<b>Video</b>	Controller	GMA 950	GMA 500	GMA 950	GMA 950	GMA 950
<b>Audio</b>	Codec	Realtek ALC655	Realtek ALC662-GR	Realtek ALC662	Realtek ALC262	Realtek ALC662-GR
<b>H/W Monitor</b>	Controller	ITE IT8712	Winbond W83627DHG	Winbond W83627UHG	Winbond W83627UHG	Winbond W83627HG-AW
	WDT	Programmable (1sec. to 255min.)	Programmable (1sec. to 255min.)	Programmable (1sec. to 255min.)	Programmable (1sec. to 255min.)	Programmable (1sec. to 255min.)
<b>I/O</b>	COM Ports	2x RS232	2x RS232	4x RS232	2x RS232; 2x RS232/422/485 selectable	1x RS232
	Digital I/O	8-bit Digital I/O	8-bit Digital I/O	N/A	N/A	N/A
	USB 2.0	4	4	2	4	4
	VGA	1 x VGA	1 x VGA	1 x VGA	1 x VGA	1 x VGA
	DVI	1 x DVI-D	N/A	N/A	N/A	N/A
	LAN	2 x Gigabit Ethernet	1 x Gigabit Ethernet	2 x Gigabit Ethernet	1 x Gigabit Ethernet	1 x Gigabit Ethernet
	PS/2	1 x KB; 1 x Mouse	N/A	N/A	N/A	N/A
	Audio	Line in, Line-out and Mic-in	Line-out and Mic-in	Line-out	Line-out and Mic-in	Line-out and Mic-in
	Internal CF	1 x CF Socket	1 x CF Socket	1 x CF Socket	1 x CF Socket	1 x CF Socket
	Expansion	N/A	1 x Mini-PCI/e x1	1 x Mini-PCI/e x1	N/A	N/A
<b>Power</b>	System	12V, 15~24V	12V DC-in	12V DC-in	12V DC-in	12V DC-in
	Adaptor	100 ~ 240V	100 ~ 240V	100 ~ 240V	100 ~ 240V	100 ~ 240V
<b>OS Supported</b>		XP, Vista, CE, Linux	XP, Vista, CE, Linux	XP, Vista, CE, Linux	XP, Vista, CE, Linux	XP, Vista, CE, Linux
<b>Environmental Parameters</b>	Temperature	-5 ~ 45°C	-25 ~ 70°C	-5 ~ 45°C	-5 ~ 45°C	-5 ~ 50°C
	Hmidity (RH)	10 ~ 90%, non-condensing	5 ~ 95%, non-condensing	10 ~ 90%, non-condensing	10 ~ 90%, non-condensing	10 ~ 90%, non-condensing
<b>Size (mm)</b>		200 x 200 x 62	200 x 150 x 51	200 x 150 x 51	200 x 150 x 51	200 x 200 x 40

# WEBS Mounting Solution

## Wall Mount Kit



### WEBS-2120 / 2121 / 1320

System Size	150/200(W) x 150(D) x 51(H)mm
Ordering	WEBS-2120 Wall Mount Kit

### WEBS-3330 / 3331

System Size	200(W) x 200(D) x 51/36(H)mm
Ordering	WEBS-3330 Wall Mount Kit



### WEBS-3332 / 4330

System Size	200(W) x 200(D) x 40/62(H)mm
Ordering	WEBS-3332 Wall Mount Kit

### WEBS-1310 / 1330 / 1340

System Size	200(W) x 150(D) x 51(H)mm
Ordering	WEBS-1310 Wall Mount Kit

## DIN Mount Kit



### WEBS-2120 / 2121 / 1320

System Size	150/200(W) x 150(D) x 51(H)mm
Ordering	WEBS-2120 Wall Mount Kit
Remark	DIN Rail H=35mm (w/o Rail)

## Panel Mount Kit



### WEBS-2120 / 2121

System Size	150(W) x 150(D) x 51(H)mm
Ordering	WEBS-2120 Panel Mount Kit
Remark	VESA 75/100

### WEBS-1320

System Size	200(W) x 150(D) x 51(H)mm
Ordering	WEBS-1320 Panel Mount Kit
Remark	VESA 75/100

### WEBS-3330 / 3331

System Size	200(W) x 200(D) x 51/36(H)mm
Ordering	WEBS-3330 Panel Mount Kit
Remark	VESA 75/100



### WEBS-3332 / 4330

System Size	200(W) x 200(D) x 40/62(H)mm
Ordering	WEBS-3332 Panel Mount Kit
Remark	VESA 75/100

### WEBS-1310 / 1330 / 1340

System Size	200(W) x 150(D) x 51(H)mm
Ordering	WEBS-1310 Panel Mount Kit
Remark	VESA 75/100