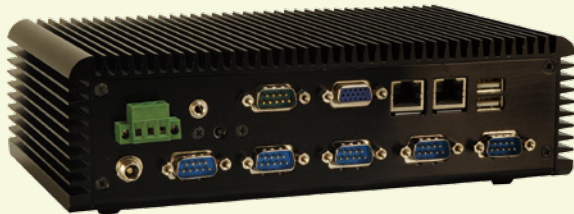
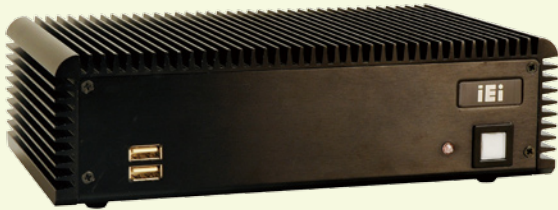


# ECW-281B-8522

WAFER-8522 Embedded Fanless Solutions



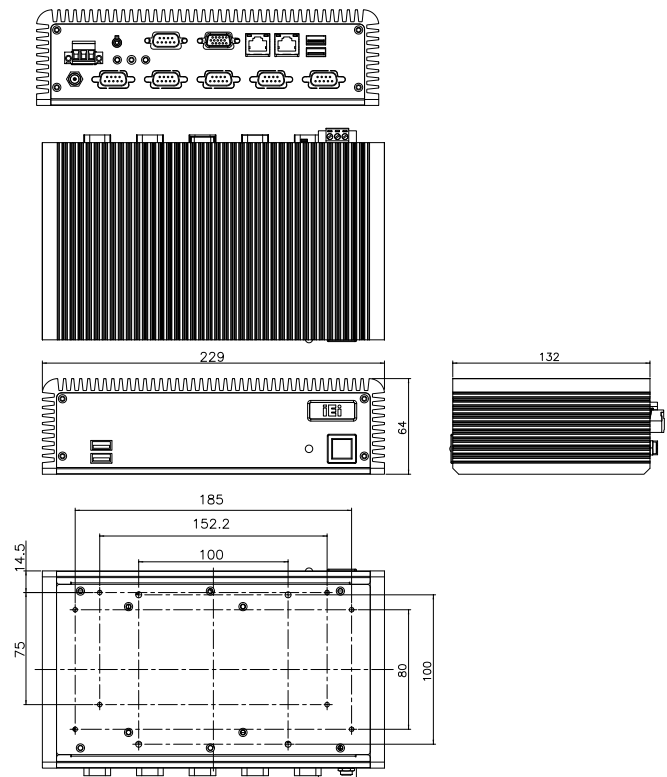
## Features

- ◆ ULV Intel® Celeron® M 1GHz fanless system
- ◆ Four USB 2.0, six COM ports for peripheral devices
- ◆ Dual GbE LAN Ideal for high speed network application
- ◆ VESA 100 wall mount, DIN-mount
- ◆ 12 VDC, 9 VDC ~ 36 VDC input models available
- ◆ IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

<b>Model No.</b>	<b>ECW-281B-8522</b>
<b>SBC</b>	WAFER-8522
<b>Processor</b>	ULV Intel® Celeron® M 1 GHz zero cache ULV Intel® Celeron® M 1 GHz with 512 KB L2 cache
<b>Chipset</b>	Intel® 852GM + ICH4
<b>System Memory</b>	200-pin 512 MB/1 GB 266 MHz single-channel DDR SDRAM SO-DIMM
<b>Ethernet</b>	Dual Realtek RTL8110SC GbE controllers
<b>Display</b>	CRT interface integrated in 852GM with one VGA port
<b>USB</b>	4 x USB 2.0
<b>Serial Port</b>	5 x RS-232, 1x RS-232/422/485 selectable
<b>Audio</b>	1 x speaker out
<b>Storage</b>	1 x 2.5" IDE HDD capacity
<b>Power Input</b>	12VDC in with DC jack and 3-pin terminal block WD series input voltage: 9 VDC ~ 36 VDC
<b>Power Consumption</b>	27 W
<b>Chassis Construction</b>	Aluminum Alloy
<b>Operating Temperature</b>	0°C~50°C
<b>Operating shock</b>	Half-sine wave shock 3G; 11ms; 3 shocks per axis
<b>Operating Vibration</b>	MIL-STD-810F 514.5C-1 (HDD) MIL-STD-810F 514.5C-2 (CompactFlash)
<b>Weight (Net/Gross)</b>	2.1 kg / 3.9 kg
<b>Dimensions (DxWxH)</b>	132 mm x 229 mm x 64 mm
<b>Mounting</b>	Wall mount, VESA 100 wall mount (optional), DIN mount (optional)
<b>EMC/Safety</b>	CE, FCC class A

## Dimensions (unit: mm)



## Ordering Information

### 12VDC input

Part No.	CPU	Memory	Wireless
ECW-281B-8522-R10/512MB	ULV Intel® Celeron® M 1 GHz, zero cache	512 MB	N/A
ECW-281B-8522-R10/1GB	ULV Intel® Celeron® M 1 GHz, zero cache	1 GB	N/A
ECW-281B-8522L2-R10/512MB	ULV Intel® Celeron® M 1 GHz, 512 KB L2 cache	512 MB	N/A
ECW-281B-8522L2-R10/1GB	ULV Intel® Celeron® M 1 GHz, 512 KB L2 cache	1 GB	N/A

### 9-36VDC input

Part No.	CPU	Memory	Wireless
ECW-281BWD-8522-R10/512MB	ULV Intel® Celeron® M 1 GHz, zero cache	512 MB	N/A
ECW-281BWD-8522-R10/1GB	ULV Intel® Celeron® M 1 GHz, zero cache	1 GB	N/A
ECW-281BWD-8522L2-R10/512MB	ULV Intel® Celeron® M 1 GHz, 512KB L2 cache	512 MB	N/A
ECW-281BWD-8522L2-R10/1GB	ULV Intel® Celeron® M 1 GHz, 512KB L2 cache	1 GB	N/A

1

Industrial Computing Solutions

2

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3

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Video Capture Solutions

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I/O Communication Solutions

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Panel Solutions

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ORing Network Communication

8

Power Supply Peripherals