



# Diamond Compact Series

## Industrial Fanless Computing System



# Diamond Compact Series Introduction

# Diamond C Series



**Compact Fanless Computing System**

# Main Features



- Small and Powerful
- Wide Operating Temperature
- Rich I/O Interface
- I/O Expandable
- Various Mounting Options

# Compact Size



Diamond Compact Series Designed with small size is an ideal solution for space limited application

# Bay Trail Platform

Intel® Atom™ Processor E3845  
(2M Cache, 1.91 GHz)



- Quad Core
- 2x Performance Improvement
- Improved Integrated Graphics
- 22nm Technology



# Wide Temperature

**-20 °C ~ +70 °C**





# Rich I/O Interface

## Front Panel:



## Rear Panel:





# Tiny and Expandable



**Universal Bracket for Expansion**



I/O expansion



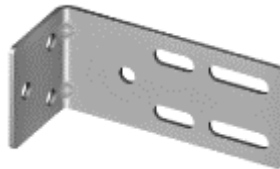
Wireless expansion

Support 2x Mini-PCle slots  
Flexible I/O expansion design  
Easy wireless expansion

# Various Mounting Options



Wall Mount



Side Mount



Din Rail Mount



VESA Mount

Suitable for various mounting types to install in different area, especially for limited space

# Diamond Compact Series Selection

# Model Selection

## DC-1000



- Intel® Atom D525
- DDR3 800 SODIMM up to 2GB
- 4x RS232/422/485 ports
- 4x USB 2.0
- 1x DIO (4 in/4 out)
- Support Windows XP

## DC-1100



- Intel® Atom E3845
- DDR31066/1333 SODIMM up to 4GB
- Operating temperature -20°C ~ +70°C
- 1x Cfast
- 1x DVI-I/ 1x DisplayPort
- 3x USB 2.0/ 1x USB 3.0

# Specifications

## DC-1000



## DC-1100



Part No.	DC-1000	DC-1100
CPU	Atom D525	Bay Trail (DC): Intel® Atom™ Processor E3845
Chipset	ICH8-M	
Memory	DDR3 2G 1x SODIMM	DDR3 4G 1x SODIMM
HDD	1x 2.5" HDD	1x 2.5" HDD
Compact Flash	1x CF (external)	1x CFAST (external)
M-SATA	1 (BIOS setting)	1 (BIOS setting)
DVI	1x DVI-I	1x DVI-I
Display Port		1x Displayport
COM Port	4 (Front x2 Rear x2)	4 (Front x2 Rear x2)
RS232/422/485	4	4
Ethernet	2 10/100/1000 GbE	2 10/100/1000 GbE
USB	4x USB 2.0 (Front x2 、Rear x2)	3x USB 2.0 (Front x2 、Rear x1) 1 X USB 3.0 (Rear X1)
Audio	1 mic-in, 1 speaker-out	1 mic-in, 1 speaker-out
PS/2	1 KB /MS	
Digital I/O	4 in / 4 out	4 in / 4 out
Antenna	2 antenna holes	2 antenna holes
USIM	1 (external)	1 (external)
Expansion	2	2
Mini-PCIe	2	2
Power	12Vdc-in (AC/DC adpater), AT/ATX mode	9-48Vdc-in (AC/DC adapter)
Dimension (WxDxH, mm)	185 x 131 x 54	185 x 131 x 54
Operation Temp.	-20~60	-20~70
Mounting	Wall, DIN-rail, Side, VESA	Wall, DIN-rail, Side, VESA

**THANK YOU**