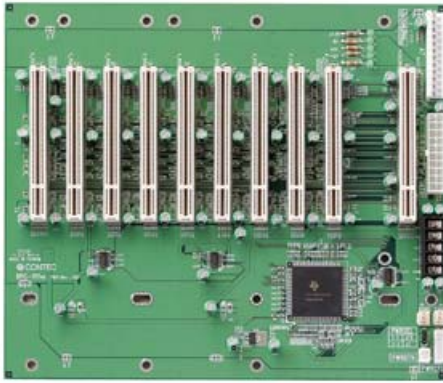


10 Slots Backplane for PCI (PCI x 10)

BPC-1111



* Specifications, color and design of the products are subject to change without notice.

Features

- 1PCI(SBC) + 9 PCI slots
- Support for ATX and AT compliant power supply.
- The optional unit suitable for mounting.

Specifications

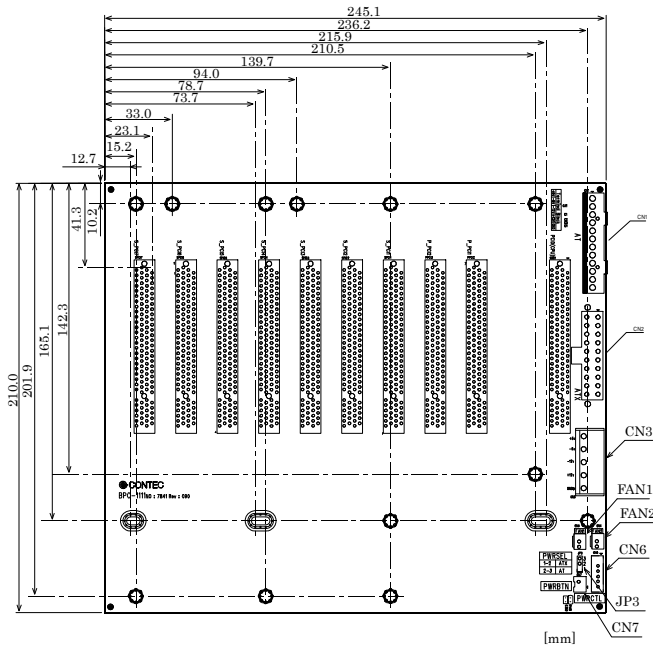
| Item | Specification |
|-------------------------|--|
| Correspondence bus | PCI Bus |
| Number of slots *1 | SBC(CPU board) PCI bus slot PCI0(CPU) x 1 *1 PCI bus slot (P_PCI1 - P_PCI2 & S_PCI1 - S_PCI7) x 9 |
| Supply power | +5VDC, -5VDC, +12VDC, -12VDC, + 3.3VDC (Only for ATX power) |
| Operating conditions | 0 - 60 °C , 10 - 90% RH(No condensation) |
| Storage conditions | -20 - 70 °C |
| Floating dust particles | Not to be excessive |
| Corrosive gases | None |
| Major dimensions (mm) | 245.1(W) x 210.0(D) |
| Weight | 375g |
| Installable chassis | FA-UNIT-F11BE, FA-UNIT-M11BE, FA-UNIT-M11RFV, FA-UNIT-F11RFV |

*1 The SBC(CPU board) must install it to the PCI0(CPU) slot.

Packing List

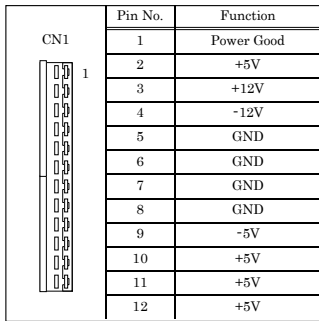
- The BPC-1111 Backplane Board
- User's Manual
- ATX Control 6pin Cable

Board Dimension



Jumper Setting and Connectors

AT Power Supply Connector: CN1



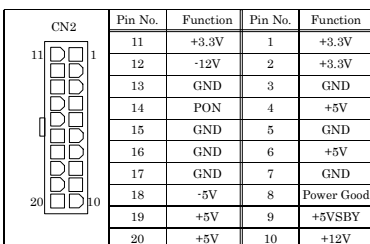
Suitable Housing : GTC6P-1(correspond)
 Suitable Contact : PCK18-2TR9(correspond)
 Maker : BURNDY
 Option Cable
 (One side is solder disposal.)
 Model : PCA-6P2 CONTEC
 Cable length 36cm(AWG#18), two

ATX Power Supply Connector: CN2

When used with an ATX-compliant power supply that supports remote power on/off, the CPU card can turn off the system power through software control.

To enable soft-off control in software, advanced power management must be enabled in the Setup program and in the operation system. When the system BIOS receives the correct APM command from the operating system, the BIOS turns off power to the computer.

With soft-off enabled, if power to the computer is interrupted by a power outage or a disconnected power cord, when power resumes, the computer returns to the power state it was in before power was interrupted (on or off).



Suitable Housing : 39-01-2200 (correspond)
 Suitable Contact : 5556 (correspond)
 Maker : Molex

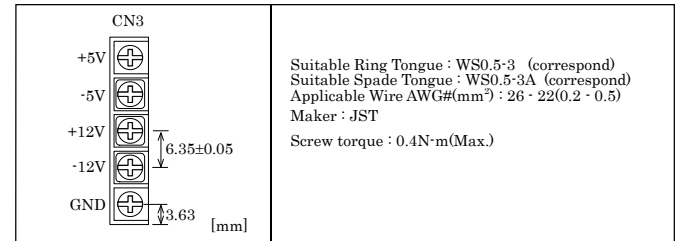
Power Supply Terminal: CN3

When you input the power supply from the CN1 or CN2 connectors, you can output +5V, -5V, +12V and -12V power from the CN3 terminal. The maximum output current of each power supply is showed below.

Specification of Power Supply Terminal

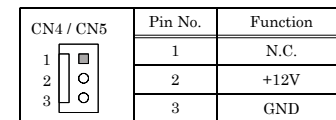
| Voltage | +5VDC | +12VDC | -5VDC | -12VDC |
|--------------|-------|--------|-------|--------|
| Max. Current | 2A | 2A | 2A | 2A |

However, the maximum supply current is depend on the power supply connected to CN1 or CN2.



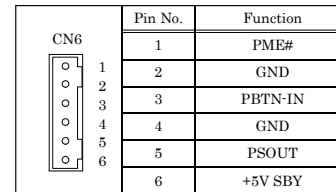
System FAN Connector: FAN1 / FAN2(CN5/CN4)

FAN1 and FAN2 are 3-pins header for the system cooling fan power connector. The fan must be a 12V fan. Pin 2 is for +12V power supply.



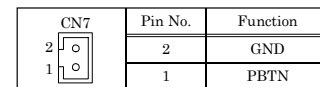
Suitable Housing : 22-01-1034 (correspond)
 Suitable Contact : 08-70-0057 (correspond)
 Maker : Molex

ATX Power Control Connector: CN6



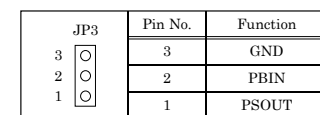
Suitable Housing : XHP-6 (correspond)
 Suitable Contact : SXH-001T-P0.6 (correspond)
 Maker : JST

ATX Power Button connector: CN7



Suitable Housing : XHP-2 (correspond)
 Suitable Contact : SXH-001T-P0.6 (correspond)
 Maker : JST

ATX Power ON: JP3



2-3 Short : Disable ATX power control and set the ATX Power Supply ON always by push switch (use as AT Power Supply).(Default)
 1- 2 Short : Enable ATX Power Control by push switch