



**HIGH POWER®** Model: mITX-0DB

***One of the Smallest Cases You Can Buy ... using standard components***



**Completely Silent Fanless Mini PC Case**  
with VESA-Mount Kit & Modular Cable Power Supply

Install these parts to complete your system:  
Motherboard/CPU, Memory, SSD or hard drive, and  
Memory

Mini ITX is a small standard physical form factor that is one size smaller than Micro ATX. There are many mini ITX motherboards available in distribution. Yet these boards are being built using micro ATX cases which does not effectively utilize its small footprint.

**HIGH POWER®** mITX-0DB is virtually the smallest chassis you can buy that will work with any standard mini ITX motherboard. Best of all, the high efficiency power supply solution provided does not require any cooling fan, making it a complete silent solution. When installed with a fanless CPU/motherboard combo, your system will be truly 0db. That is why there is a highly visible blue LED ring around the power switch to provide visual clue that the system is on.

- Black mini ITX case with 2x front USB 2.0 port and blue LED back-lighted power switch
- VESA mount kit integrated for easy mounting to the back of a VESA-compatible monitor
- Pre-installed: 90W 12V DC-to-DC fanless ATX power board with modular cable assembly
- Bundled: HIGH POWER® safety certified 60W (72W peak) AC to 12V DC high efficiency power adapter:
  - High efficiency design with 87% minimum at normal line input and average of 25%, 50%, 75%, 100% of max load.
  - Meet CEC level V
  - No load Power Consumption : Less then 0.5W
  - Fanless: Operates in total silence.
  - UL, cUL, TUV, CE, FCC Certified
  - RoHS, LPS Compliant
  - Worldwide application with automatic universal AC input selection from 100v to 240v AC

**Application:** Smart mini PC, Industrial Embedded System, POS/POI, KIOSK, DVR, CCTV, Car, Boat, PC , Thin Client, Set Top Box, Firewall, Banking Terminal, Transaction Station , ATM, NAS, Web Payphone and Terminal Platform ,etc.

- Long life and low maintenance - With no fan blowing to bring dust inside
- Silent and light weight
- Drive bracket holds one 2.5" drive
- Case dimensions: 246 x 61 x 189 mm



VESA mount bracket integrated and looks like rubber feet

### System Installation Tip:

1. Remove the drive bracket
2. Install your mini ITX motherboard
3. Install your hard drive (or SSD) onto the drive bracket
4. Install the drive bracket back to the case



### Internal DC-to-DC fanless ATX Power Supply Specifications

- DC Input: 11.4~13.0V, Max 10A/12V
- Maximal Inrush current: 45A @12V at 25°C cold start
- Output up to 90W
- Ripple and Noise: <120 mV
- Load Regulation: +/- 5%
- Efficiency: 80% minimum at full load
- Multi protection: OLP, OCP & SCP
- Operation Temperature: -10 to 50°C

Power Connector Summary:

- 1 x 20/ 24 pin Dual-Use Main Power Connector
- 1 x P4 12V Power Connector
- 1 x Molex Peripheral Power Connector
- 1 x SATA Power Connector

Output Voltage	+5V	+3.3V	+12V	-12V	+5Vsb
Rated Load	6.5A	8.0A	3.7A	0.1A	1.0A
Peak load	10.0A	10.0A	5.5A	0.5A	1.5A
Rated output	32.5W	26.4W	44.4W	1.2W	5.0W

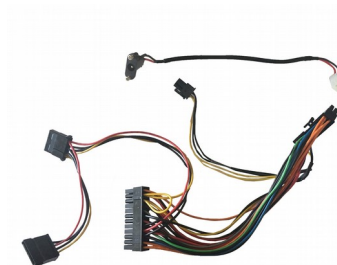
## Content

**HIGH POWER®** Model: mITX-0DB kit includes:

- Motherboard and drive installation screws
- VESA mount screws
- **90W** 12V DC-to-DC fanless ATX power board with modular cable assembly attached.
- HIGH POWER® safety certified 60W (72W peak) AC to 12V DC high efficiency power adapter & matching 3-prong UL power cord:



HIGH POWER® safety certified 60W (72W peak) AC to 12V DC high efficiency power adapter has a DC cable that is 1.2 meter long. The matching 3-prong USA UL safety power cord is 1.5 meter long.



Modular cable set can be detached off from the DC-to-DC fanless ATX power board

## Question & Answer

Q: What kind of hard drive does it support and does it support SSD ?

A: 2.5-inch form factor hard drive or SSD drive are supported.

Q: How do I mount this mini case to the back of my computer ?

A: Install the 4 included VESA screws on the back of your VESA compatible monitor. Then simply align the center of each integrated VESA mount/stand to each screw like how you would mount a picture frame.

