

迷你ITX主板B610TP LGA1700 TDP 65W 2 * DDR5 2 * DP eDP/LVDS

产品名称	迷你ITX主板B610TP LGA1700 TDP 65W 2 * DDR5 2 * DP eDP/LVDS
公司名称	北京天开创新技术有限公司
价格	1055.00/件
规格参数	
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产品详情

fanless atx power supply for industrial pc, embedded system, max 110w output
Fanless ATX power supply for industrial pc, embedded system max 110w output

we provide enhance 110w version, the following spec for standard version, max output 60w (80w) information for reference.

==>> Compact MINI-ITX power supply Model: ATX_W03 <<==

Power Supply Overview 1.1 Table 1 Input Electrical Characteristics Overview

Input voltage range: 90Vac to 264Vac
Normal voltage range: 100Vac to 240Vac
Frequency range: 47-63HZ
Max input ac current: 2.0A max at full load condition
Inrush current (cold start): 40A typ peak, 115Vac; 60A typ peak, 230Vac
Efficiency: 85% (230Vac input full load)
Leakage Current: Less Than 3.5mA, 230Vac input
Standby Power Loss: \leq 0.5W, 230Vac input
Input Fuse: T2A/250Vac

1.2 Output Electrical Characteristics Overview 1.2.1 Table 2 Output Voltage, Current & Regulation.

Output Voltage: +12V
Regulation: \pm 5%
Min. current: 0A
Rated current: 5A
Peak current: 6-8A

Note: * The peak current should be test at other of dc output at Rated load, And the peak current pulse width within 100ms.

1.2.2 Table 3 DC Output Ripple & Noise. Output Voltage: +12V Ripple & Noise (Max.): 120mVp-p Note: 1) Measurements shall be made with an oscilloscope with 20MHz bandwidth. 2) Outputs shall be bypassed at the connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor to simulate system loading.

1.2.3 Output Transient Response Note: Transient response measurements shall be made with a load changing repetition rate of 50Hz to 10kHz

1.2.4 Table 5 DC Output Hold-Up Time Output Voltage: +12V 110Vac input: $\geq 10\text{ms}$ 230Vac input: $\geq 10\text{ms}$ Note: All of dc output at full load.

1.2.5 Table 6 DC Output Overshoot At Turn On & Turn Off Output Channel: +12V Output (V): +12V Over shoot voltage (V): 5% (Turn on), 5% (Turn off) Note: All of dc output current from Min. to Max.

1.2.6 Table 7 Turn on delay Output Voltage: +12V 120Vac input & Full Load: $\leq 7000\text{ms}$ 220Vac input & Full Load: $\leq 7000\text{ms}$

1.3 Protection 1.3.1 Table 9 DC output Over Voltage Protection. Output Voltage: +12V Max. Over Voltage: 19V Comments: Note: The power supply shall be test at max AC voltage (264Vac) and min load or no load.

1.3.2 Table 10 DC Output Over current Protection. Output Voltage: +12V Over current MAX: 9A Comments: Hiccup

2. Isolation 2.1 Table 12 Input To Output: DC 500V 15M min (at room temperature) Input To FG: DC 500V 15M min (at room temperature) Output To FG: Annectent 2.2 Table 13 Input To Output: 1500Vac 50Hz 1 minute $\leq 10\text{mA}$ Input To FG: 1500Vac 50Hz 1 minute $\leq 10\text{mA}$ Output To FG: Annectent

3, Safety The power supply shall compliance with the following Criterion: 1), UL609502), EN609503), GB4943-2001

4, EMC 4.1 EMI The power supply shall compliance with the following Criteion 1), Conduction Emission *EN55022, CLASS B *GB9254-1998 *FCC Class B

2), Radiated Emission *EN55022, CLASS B *GB9254-1998 *FCC Class B

4.2 EMSThe power supply shall compliance with the following Criterion 1), ESD *GB17626.2-1998/ICE61000-4-2 Level 32), EFT *GB17626.4-1998/ICE61000-4-4 Level 33), SURGE *GB17626.5-1998/IEC61000-4-5 Level 34), DIP *GB17626.11-1998/ICE61000-4-11 Class B/C

5, Environmental Requirement 5.1 Temperature Operation: 0c, +40c Store: -20c, +85c

5.2 Humidity *Operating: from 10% to 90% relative humidity (non-condensation) *StoreL Fron 5% to 95% relative humidity (non-condensing)

5.3 Altitude *Operating: to 10,000 ft *Store: to 20,000 ft

5.4 Cooling Method *Ventilation cooling

5.5, Vibration *10-55Hz, 19.6m/s(2G), 3 minutes period, 20 minutes each along X, Y and Z axis

5.6, Impact *49m/s(5G), 11ms, once each X, Y and Z axis

6, Dimension *145mm x 32mm x 32mm

7,Weight*(155+/-10g)

8,DC Output Cable Specification UL1007# 4PIN TO 4PIN yellow-black

9,SIZE:145x28.9mm

10,PHOTO