

ENP-5240G

•400W



ATX12V

Features

- **ATX12V Rev 2.2** & ATX Backward Compliant
- **Dual-Core** processor power requirement ready
- Enhance **BTX** system **thermal** performance
- High efficiency for **energy saving**
- **Low acoustic noise** with large 120mm cooling fan and auto fan speed control circuit
- **Safety** Approved
- Power good TTL Signal, **Remote On/Off**
- Short Circuit, Over Current & Voltage **Protection**
- **IAPC, Wake-On-LAN** Technology power Ready
- Dedicated power connector for **SATA** drive and high wattage **PCI-Express** graphic card

Apply For

- All Intel Processors up to Pentium-D
- All AMD Processors up to Athlon X2



Electrical Specifications

- Input Voltage 115 Or 230 VAC Manual Select
- Frequency 47 ~ 63 Hz
- Input current 10 Arms @ 115 VAC
5 Arms @ 230 VAC
- Hold-up Time 17ms in regulation ranges

Environmental Specifications

- Operating/Storage Temp. 5~50°C/-40~70°C
- Operating/Storage Humidity 20~85%/5~95%
- Operating/Storage Altitude 3,000/15,000 FT
- MTBF 100,000 HRS
- Safety Approvals UL/CUL, CB, TUV
- EMC Regulations FCC, CE

Output Specifications

Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+/-5%	0.5A	30.0A	--
+5.0V	+/- 5%	0.3A	28.0A	--
+12.0V1	+/- 5%	1.0A	14.0A	--
+12.0V2	+/- 5%	1.0A	15.0A	16.5A
-12.0V	+/- 10%	0A	0.3A	--
+5 Vsb	+/- 5%	0A	2.0A	2.5A

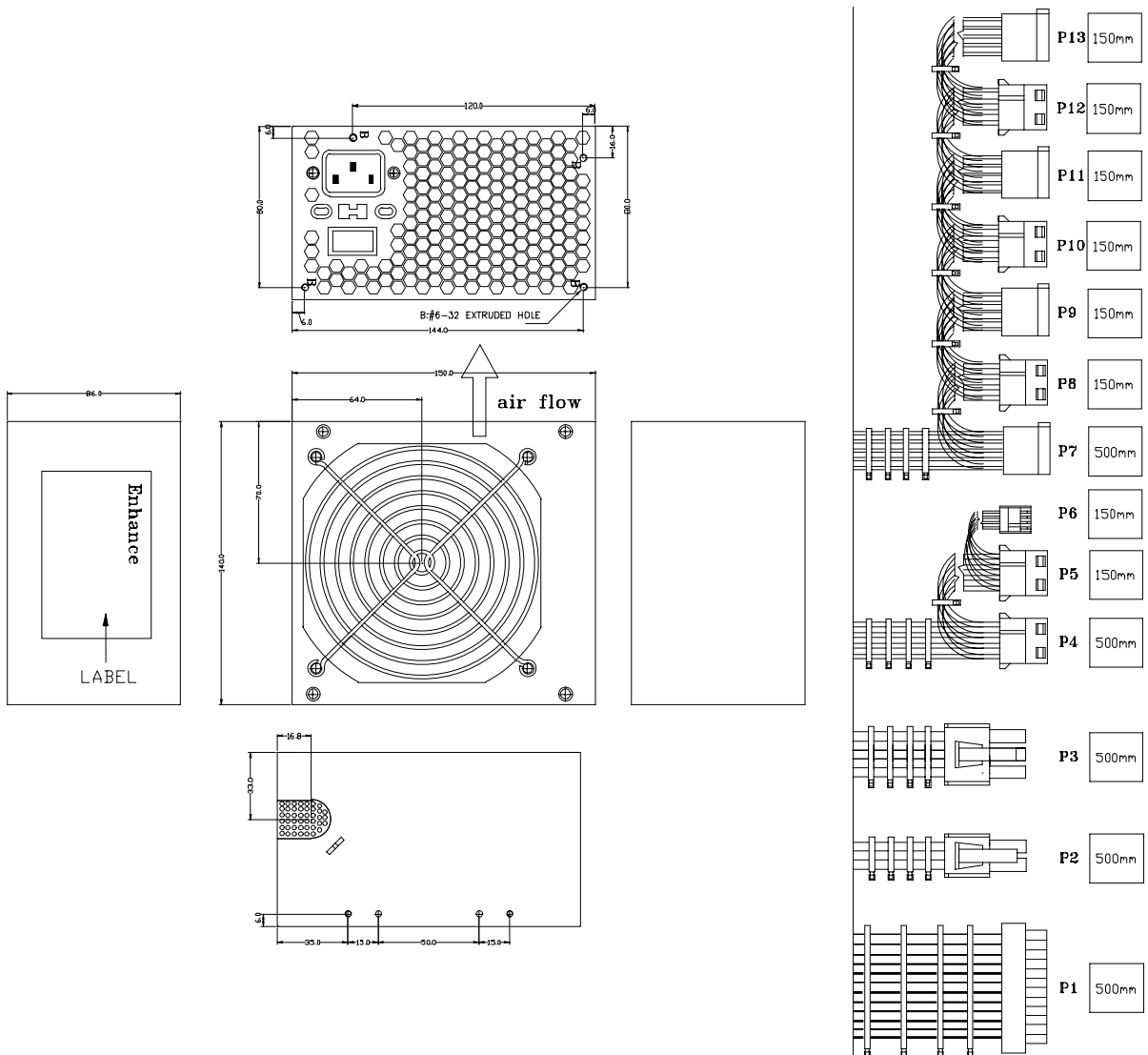
(*) Total maximum combines load output on +3.3V and +5V rail shall not exceed 150 Watts

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Mechanical Drawing

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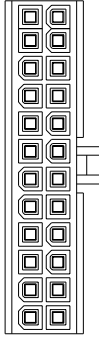
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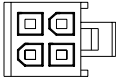
Wire Harness

Description

P1 - Main Power



P2 - Aux. 12V for CPU VR



P3 - Aux. 12V Power Connector for high wattage PCI-Express VGA



P4, 5, 8, 10, 12 - Peripheral



P6 - Floppy



P7, 9, 11, 13 - Serial ATA



Connector Housing

Molex 39-01-2240 or Equivalent

1	Orange	+3.3V	13	Orange	+3.3V
2	Orange	+3.3V	14	Blue	-12VDC
3	Black	GND	15	Black	GND
4	Red	+5V	16	Green	PS_ON
5	Black	GND	17	Black	GND
6	Red	+5V	18	Black	GND
7	Black	GND	19	Black	GND
8	Gray	PWR OK	20	N/E	Reserved
9	Purple	5 VSB	21	Red	+5V
10	Yellow	+12V1	22	Red	+5V
11	Yellow	+12V1	23	Red	+5V
12	Orange	+3.3V	24	Black	GND

Molex 39-01-2040 or Equivalent

1	Black	GND	3	Yellow	Black	+12V2
2	Black	GND	4	Yellow	Black	+12V2

Molex 45559-0002 or Equivalent

1	Yellow	+12V1	4	Black	GND
2	Yellow	+12V1	5	Black	GND
3	Yellow	+12V1	6	Black	GND

Molex 8981-04P or Equivalent

1	Yellow	+12V1
2	Black	GND
3	Black	GND
4	Red	+5V

AMP 171822-4 or Equivalent

1	Red	+5V
2	Black	GND
3	Black	GND
4	Yellow	+12V1

Molex 88751 or Equivalent

1	Yellow	+12V1
2	Black	GND
3	Red	+5V
4	Black	GND
5	Orange	+3.3V

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Dimension (WxLxH)

- 150 x 140 x 86 (mm)
- 5.9 x 5.5 x 3.38 (inch)

Cooling Fan

- 12V DC, 120mm

Notes

- Specification subject to change without notice. All new processors support will be updated once official announced by vendors
- All company logo and legal name belong to original company. All copyright reserved by Enhance Electronics.
- One-Year Standard Warranty
- Last Update: 5/13/2005