



ATX-0260GA

ATX12V



Electrical Specifications

- Input Voltage 103 ~ 264 VAC Auto-Sensing
- Frequency 47 ~ 63 Hz
- Input current 10 Arms @ 115 VAC
5 Arms @ 240 VAC
- Hold-up Time 10ms in regulation ranges

Output Specifications

Voltage	Cross Regulation	Minimum Load	Maximum Load	Peak
+3.3V	+/-5%	0.1A	24.0A	--
+5.0V	+/- 5%	0.2A	24.0A	--
+12.0V1	+/- 5%	0.1A	25.0A	--
+12.0V2	+/- 5%	0.5A	25.0A	--
-12.0V	+/- 10%	0.0A	0.3A	--
+5 Vsb	+/- 5%	0.0A	2.5A	3.5A

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

Application Reference

- Performance Desktop PC

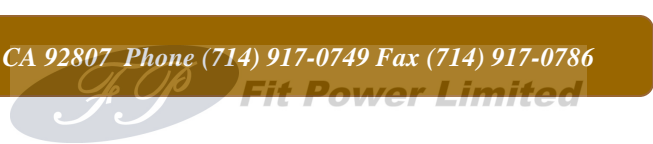


- Media Center PC



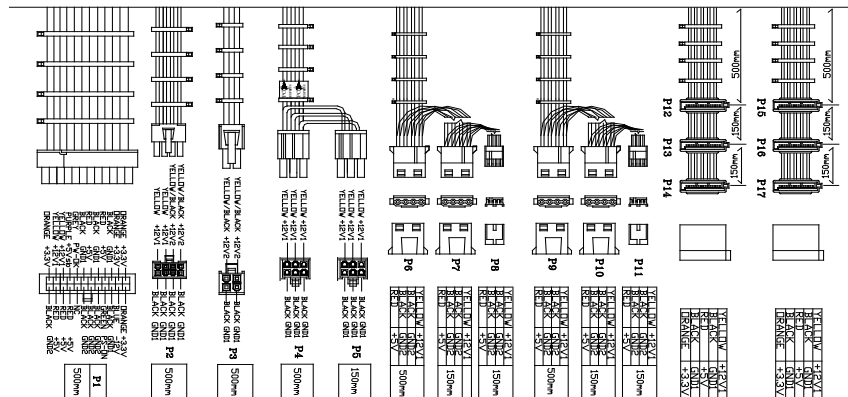
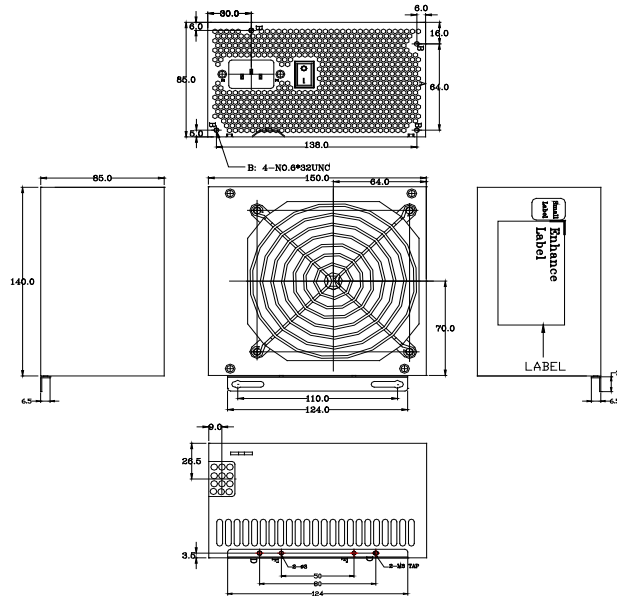

Environmental Specifications

- Protection OCP/OPP/OVP
OTP (optional)
- Operating/Storage Temp. 0~40°C/-40~70°C
- Operating/Storage Humidity 20~85%/5~90%
- Operating/Storage Altitude 3,000/15,000 FT
- MTBF 100,000 HRS @ 25°C
- Safety Approvals UL, CB, NEMKO
- EMC Regulations FCC, CE



ATX-0260GA

Mechanical Drawing

Main power
24 (20+4) pin
- P1



Aux12V
(8 pin) - P2



Aux12V
(4 pin) - P9



PCIe-
P4 ~ P5



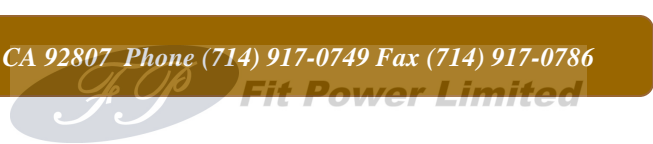
IDE Drive
- P6,P7, P9 &
P10



FDD Drive
- P8 & P11



SATA
- P12~P17

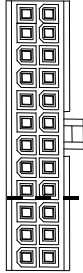


ATX-0260GA

ATX12V

Description

P1 - Main Power



P2 - 8 Pin CPU-VR Power Connector



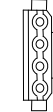
P9 - 4 Pin Processor Power



P4, 5 - Power Connector for high wattage PCI-Exp VGA



P6, 7, 9, 10 - Peripheral



P8, 11 - Floppy



P12, 13, 14 - SATA-1

P15, 16, 17 - SATA-2



Wire Harness

Connector Housing

Molex 39	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 20-01-2090 or Equivalent

1	Black	GND	5	Yellow	+12V1
2	Black	GND	6	Yellow	+12V1
3	Black	GND	7	Yellow	Black
4	Black	GND	8	Yellow	Black

Molex 3	Black	GND	3	Yellow	Black
2	Black	GND	4	Yellow	Black

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

Molex 8	Yellow	+12V1
2	Black	GND
3	Black	GND
4	Red	+5V

Molex 17	Red	+5V
2	Black	GND
3	Black	GND
4	Yellow	+12V1

Molex 88751 SATA-1 Equivalent

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

SATA-2

1	Yellow	Black	+12V2
2	Black		GND
3	Red		+5V
4	Black		GND
5	Orange		+3.3V

Dimension (WxLxH)

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

Cooling Fan

- 12V DC, 120mm

Notes

• Pictures, drawing and specification subject to change without notice. All new processors support will be updated once official announced by vendors

• Last Update: 9/30/2009