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MODEL SELECTION

Part No.	PFC	Input Voltage
PC8059	Active PFC	90~264Vac

FEATURES

- Support Intel & AMD dual core & 64bit CPUs
- Active PFC
- High efficiency performance, compliance with 80 PLUS
- Auto-thermal fan control technology maximizes acoustic & heat performance

INPUT SPEC.

Input Voltage	90~264Vac
Input Frequency	47~60Hz
Leakage Current	3.5mA@230V/50Hz
AC Input Current	5A@100V; 2.5A@200V
PFC (Harmonic)	PF>0.9 at full load 115 & 230Vac
EMI/RFI	CISPR 22 Class B; full load @100/120V & 230V 50Hz

OUTPUT SPEC.

Rated Power	300W
Efficiency	80% above@115/230Vac; certified by 80 PLUS
OVP	+3.3V: 5V, +5V: 6.8V, +12V1: 15V, +12V2: 15V
OCP	Output shall not exceed 240VA at any loads
OTP	Latch off all main outputs if over temperature
SCP	Latch off all main outputs reset by cycling on/off control or AC power

SAFETY

UL, FCC, TUV, Nemko, CB, CE, 3C, BSMI, C-Tick, MIC

GENERAL SPEC.

Hold-up Time	16ms@max. load 115Vac/60Hz
Dimensions	150 x 140 x 86 (mm)
MTBF	130KHrs
Output Rise Time	2~25ms
PG Signal Rise Time	10ms max.

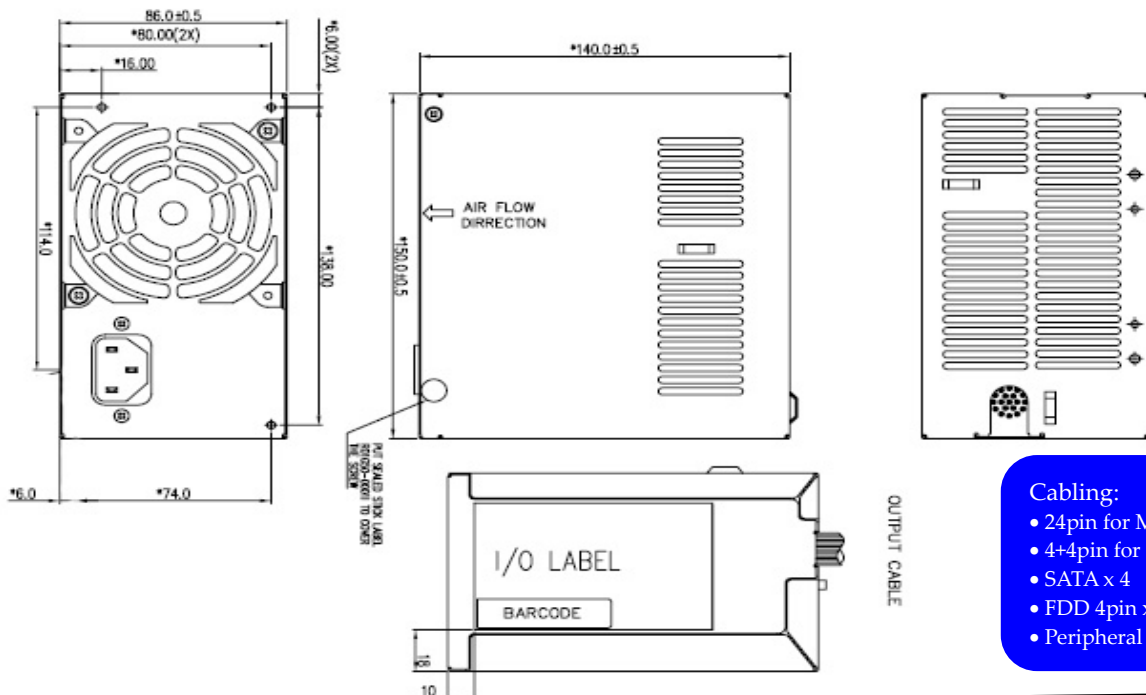
ENVIRONMENTAL SPEC.

Operating Temperature	10 ~ 50°C
Storage Temperature	-40 ~ 70°C

OUTPUT CURRENT CAPACITY

Voltage	Min. Load	Max. Load	Combined	Output
+5V	0.3A	19A	120W	281.5W
+3.3V	0.1A	16A		
+12V1	0.1A	16A	216W	
+12V2	0.1A	16A		
-12V	0A	0.15A	6W	18.5W
+5Vsb	0A	2A	12.5W	

OUTLINE DRAWING



Cabling:

- 24pin for M/B x 1
- 4+4pin for CPU x 1
- SATA x 4
- FDD 4pin x 1
- Peripheral 4pin x 3