

END-1215

MINI-ITX



Application Reference

- Industrial Fanless PC - POS, Set-top Box, Clint PC



Features



Electrical Specifications

- Input Voltage 16 ~ 24 VDC
- Normal Input 19 +/- 1.0 VDC
- Input current 9A @ 19VDC

Environmental Specifications

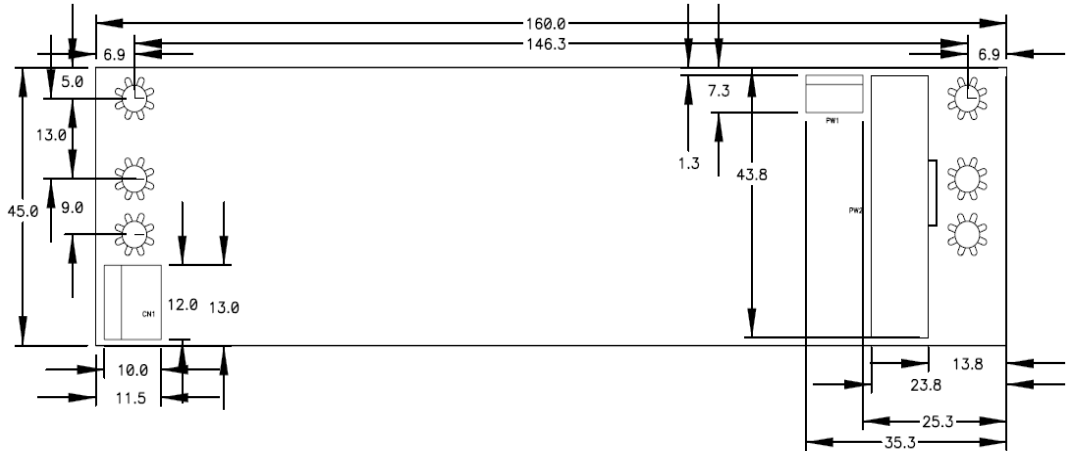
- Protection OCP/SCP
- Operating/Storage Temp. 0~40°C/-20~70°C
- Operating/Storage Humidity 10% / 90%
- MTBF 40,000 HRS
- EMC Regulations FCC, CE

Output Specifications

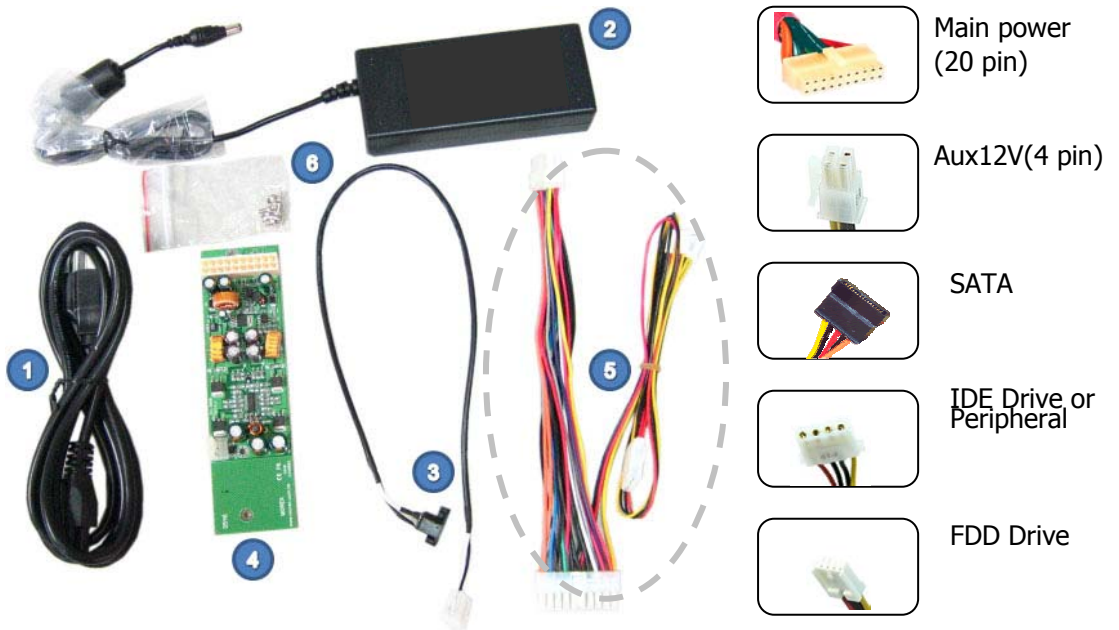
Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+/-5%	0A	9.0A	--
+5.0V	+/- 5%	0A	6.0A	*--
+12.0V	+/- 5%	0A	10.0A	13A
-12.0V	+/- 10%	0A	0.3A	--
+5 Vsb	+/- 5%	0A	2A	2.5A

END-1215

Mechanical Drawing



Configuration Reference



Note: except (4) power module, all other items sold separated. Custom cable wire harness available upon request. Pictures and spec are for reference and subject to change without notice.

MINI-ITX

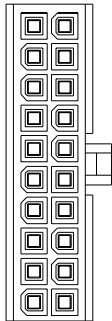
END-1215

MINI-ITX

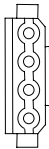
Wire Harness*

Description

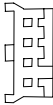
Main Power



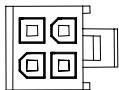
Peripheral



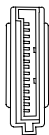
Floppy



4 Pin Processor Power



Serial ATA



Connector Housing

Molex 39-01-2200 or Equivalent (20-pin)

1	Orange	+3.3V	11	Orange	+3.3V
2	Orange	+3.3V	12	Blue	-12VDC
3	Black	GND	13	Black	GND
4	Red	+5V	14	Green	PS_ON
5	Black	GND	15	Black	GND
6	Red	+5V	16	Black	GND
7	Black	GND	17	Black	GND
8	Gray	PWR OK	18	White	-5V
9	Purple	5 VSB	19	Red	+5V
10	Yellow	+12V	20	Red	+5V

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 39-01-2040 or Equivalent

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

Molex 88751 or Equivalent

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

*The wire harness are for reference only.

Dimension (WxLxH)

- 45 x 160 x 28 (mm)
- 1.8 x 6.3 x 1.1 (inch)

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: 2/5/2010