

ENP-1815-FCG

Apply For

- 1U Rack-Mount Server Appliance



- Industrial Panel PC, Kiosk

Features



Electrical Specifications

- Input Voltage 100 ~ 127 VAC
200 ~ 240 VAC
Auto Sensing
- Frequency 50 ~ 60 Hz
- Input current 5.0 Arms @ 115 VAC
2.5 Arms @ 230 VAC
- Holdup Time > 14 ms @ Full Load

Environmental Specifications

- Operating/Storage Temp. 10~50°C/-20~60°C
- Operating/Storage Humidity 85% / 95%
- Operating/Storage Altitude 10,000/50,000 FT
- MTBF 100,000 HRS
- Safety Approvals Available upon request
- EMC Regulations FCC, CE

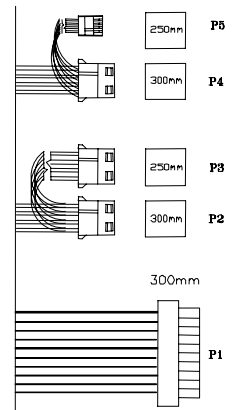
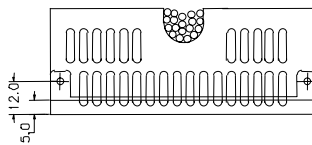
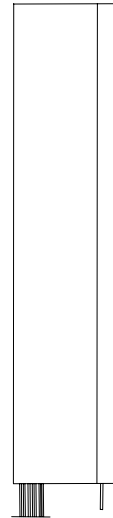
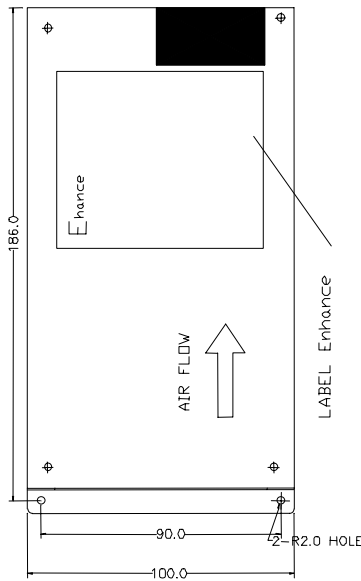
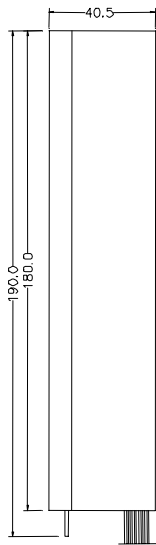
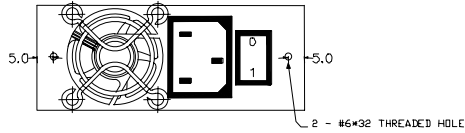
Output Specifications

| Voltage | Regulation Load | Minimum Load | Maximum Load | Peak |
|---------|-----------------|--------------|--------------|-------|
| +3.3V | +5% | 0.5A | 7.0A | -- |
| +5.0V | +/- 5% | 1.0A | 12.0A | 14.0A |
| +12.0V | +/- 5% | 0.5A | 5.0A | 8.0A |
| -12.0V | +/- 10% | 0A | 1.0A | -- |
| -5.0V | +/- 5% | 0A | 0.2A | -- |
| +5 Vsb | +/- 5% | 0A | 2.0A | -- |

(*) Total maximum combines load output on +3.3V and +5V rails should not exceed 83 Watts.

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Mechanical Drawing



Main power
 (20-pin)
 - P1



IDE Drive
 - P2 ~ P4



FDD Drive
 - P5

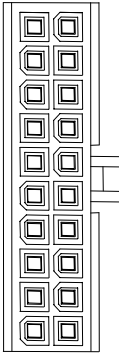
1U

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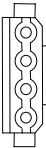
Wire Harness

Description

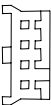
P1 - Main Power



P2 to P4 – Peripheral



P5 – Floppy



Connector Housing

Molex 39-01-2200 or Equivalent

| | | | | | |
|----|--------|--------|----|--------|--------|
| 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 | +12V |
| 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 | +12V |

Dimension (WxLxH)

- 100 x 180 x 40.5 (mm)
- 3.93 x 7.1 x 1.59 (inch)

Cooling Fan

- 12V DC, 40mm

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: 10/7/2008