



## Power Boards

# PWB-M140

### DC to DC Power Board

#### Packing List

PWB-M140 power board

DC-in module

DC input power cable



#### Ordering Information

Part Number	Description
10GGB00000020	140W DC-DC power board, voltage range from 12V~24V

#### Features

- **Protection**
  - Output Voltage Protection (Over Voltage Protection) OVP
  - Output Current Protection (Output Short Protection)
  - Output Voltage Protection (Under Voltage Protection) UVP
- **Operating Temperature:** 0°C ~ 60°C
- **Operating Humidity:** 0% ~ 95% (non-condensing)
- **Dimensions:** 150mm x 51mm (5.9"x 2")
- **Compatible models:** EPIA-M920, M910, M900, M860, VB7009
- **DC Input**

Input Voltage 12V~24V

Input Current 4.7A~12A

#### ▪ DC Output Voltage @ Input Voltage 12V~24V

Output Voltage	Minimum	Nominal	Maximum	Maximum Combined Power
+5V_SB +/-5%	4.75V	5V	5.25V	140W
+3.3V +/-5%	3.14V	3.3V	3.47V	
+5V +/-5%	4.75V	5V	5.25V	
+12V +/-5%	11.4V	12V	12.6V	
-12V +/-5%	-11.4V	-12V	-12.6V	
Power Good	4.75V	5V	5.25V	

#### ▪ DC Output Voltage @ Input Voltage 10V~12V

Output Voltage	Minimum	Nominal	Maximum	Maximum Combined Power
+5V_SB +/-5%	4.75V	5V	5.25V	122.2W
+3.3V +/-5%	3.14V	3.3V	3.47V	
+5V +/-5%	4.75V	5V	5.25V	
+12V +/-5%	11.4V	12V	12.6V	
-12V +/-5%	-11.4V	-12V	-12.6V	
Power Good	4.75V	5V	5.25V	

#### ▪ DC Output Current @ Input Voltage 12V~24V

+5V_SB	+3.3V	+5V	+12V	-12V	Power Good	Maximum Combined Power
2A	6.2A	7A	6A	200mA	5mA	140W

#### ▪ DC Output Current @ Input Voltage 10V~12V

+5V_SB	+3.3V	+5V	+12V	-12V	Power Good	Maximum Combined Power
2A	6.2A	7A	6A	200mA	5mA	140W