

Integra M Series

Fractal Design Integra M Series power supply units feature excellent electrical performance, including 80PLUS® Bronze certified efficiency.

The modular flat cable system allows for a clean installation, and enhances airflow patterns inside the case. The short 140mm length makes for easy installation in small computer cases, and the extra-long ATX12V cable accommodates modern, bottom-PSU cases.

Fractal Design Integra M units are equipped with a large temperature-controlled 120mm fan for reduced noise levels and optimum cooling.

The Integra M is a great choice for medium-performance gaming computers and workstations.

Key features

- Modular cables. Only cables deemed likely for constant use (20+4-pin cable; 12V CPU cable, one PCI-E cable on 650W+ models) are fixed.
- 80PLUS Bronze efficiency
- Extremely short 140mm case allows for easy installation in compact cases
- Extra-long ATX 12V cable
- Quiet, temperature-controlled 120mm fan



Description	Art. Number	EAN Code	UPC Code
Integra M 450W	FD-PSU-IN3B-450W	7350041082392	817301012393
Integra M 550W	FD-PSU-IN3B-550W	7350041082408	817301012409
Integra M 650W	FD-PSU-IN3B-650W	7350041082415	817301012416
Integra M 750W	FD-PSU-IN3B-750W	7350041082422	817301012423



General Specifications

80PLUS® Certification	Bronze
Modular cables	Yes
Modular cable type	All-black flat cables
Fan type	120mm Sleeve bearing Temperature controlled
Maximum operating temperature at full load	40°C 50°C at 80% load
Supports Intel Haswell C6/C7 sleep states	Yes
Warranty	3 years
Capacitors	Taiwanese
Protections	OPP / OVP / UVP / SCP
Life expectancy (MTBF)	100,000 hours
PSU specification compliance	ATX 2.4 / EPS 2.92
Standby efficiency	ErP 2013 compliant (<0.5W system power draw)
Colors Available	Black
Unit Measurements	150*86*140
Unit weights, with modular cables	450: 1.435 550: 1.49 650: 1.63 750: 1.69 kg
Package dimensions - W x H x D (mm)	285*202*115
Package weight – (Kg)	450: 1.63 550: 1.7 650: 1.85 750: 1.91 kg

Package contents

- Integra M Power Supply
- Modular cable kit
- AC power cord (localized)
- Zip ties and PSU screws
- User manual



Cable configuration

Fixed Cables (length in mm, + designates a second connector on the same cable)

Model	450W	550W	650W	750W
ATX 20+4 pin	510	510	510	510
ATX12V 4+4 pin	700	700	700	700
PCI-E 6+2 pin	-	-	500+100	500+100

Modular cables (length in mm, + designates a second connector on the same cable)

Model	450W	550W	650W	750W
PCI-E 6+2 pin	520	520+100	520+100	520+100
Peripheral	400+120	400+120	400+120	400+120
SATA	400+120+120 650+120	400+120+120 650+120	400+120+120 650+120+120	400+120+120+120 650+120+120

DC Output

Model	450W	550W	650W	750W
3.3V	20A	20A	20A	20A
5V	15A	20A	20A	20A
3.3V and 5V combined	80W	100W	100W	100W
12V1	37A	45.5A	54A	62.5A
-12V	0.5A	0.5A	0.5A	0.5A
5V Standby (+5Vsb)	2.5A	2.5A	2.5A	2.5A
Total Power	450W	550W	650W	750W