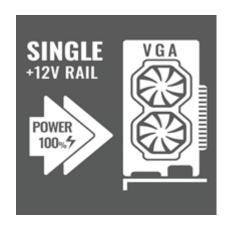# POWER UP

MWE White offers 80 Plus Standard certification, guaranteeing an average efficiency of 80% at typical load. The DC-to-DC + LLC circuit design allows the unit to convert power from the single +12V rail reliably, efficiently, and safely for a better overall user experience. The thermally sensitive HDB fan cools based on temperature, adjusting constantly as the system's needs change. Not only does this waste less power but it also creates a quieter overall user experience by not running the fan at maximum noise level when not needed. For a great entry level computing experience, choose the MWE White.

FEATURES

Single +12V Rail : All power comes from a single +12V source, ensuring consistent output through all connected cables.

120mm HDB Fan : The 120mm HDB fan employs responsive fanspeed control, limiting noise to specific cooling requirements during use.

DC-to-DC Technology : The DC-to-DC + LLC circuit design offers reliable, stable output to all connected components.

Silent Mode : The fan will not spin under lower loads or in standby mode, ensuring a quiet user experience during casual operation.

Flat Black Cables : The flat cables take up less space and are easier to manipulate within the chassis.

3 Year Warranty : This unit comes with a standard limited manufacturing warranty of 3 years from the date of purchase.

PACKAGE INFORMATION

Cable Type	EAN	UPC
US	4719512080856	884102053344
EU	4719512080863	884102053351
BR	4719512080870	884102053368
TW	4719512080887	884102053375
JP	4719512080894	884102053382
WO	4719512080900	884102053399
NL	4719512080917	884102053405
HK	4719512080924	884102053412
BS	4719512080931	884102053429
CP	4719512080948	884102053436

Nett Weight	1.371 kg / 3.023 lb
Gross Weight	1.769 kg / 3.9 lb
Package Dimensions	245 x 190 x 110mm (9.65 x 7.48 x 4.33")
Carton Dimensions	570 x 260 x 215mm (22.44 x 10.24 x 8.46")
Unit / Carton	5 pcs
Carton / Pallet	24 pcs

SPECIFICATIONS

Product Name	MWE 550 White V2
Item Code	MPE-5501-ACAAW
ATX Version	Intel ATX 12V V2.52
PFC	Active PFC
Input Voltage	100-240V
Input Current	8 - 4A
Input Frequency	50 - 60Hz
Dimensions (L x W x H)	140 x 150 x 86mm
Fan Size	120
Fan Bearing	HDB
Fan Speed	1500 RPM
Noise @ 20%	10.43dB-A
Noise @ 50%	16.8dB-A
Noise @ 100%	31.5dB-A
Efficiency	80% Typically
80 PLUS Rating	80 PLUS Standard
ErP 2014 Lot 3	Yes
Operating Temperature	40°C
Power Good Signal	100 -500 ms
Hold Up Time	>14ms at 100% full load@230Vac
MTBF	>100,000 hours
Protections	OVP / OPP / OTP / SCP / UVP
Regulatory	CB / TUV / cTUVus / CE / FCC / CCC / RCM / EAC / BSMI / KC
Connectors	ATX 24 Pin	x1
	EPS 4+4 Pin	x1
	SATA	x6
	Peripheral 4 Pin	x3
	PCI-e 6+2 Pin	x2

AC INPUT	100-240V~ 8 - 4A 50 - 60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vstb
	17A	17A	45A	0.3A	3A
TOTAL POWER	110W		540W	3.6W	15W
	550W				

FEATURES

All power comes from a single +12V source, ensuring consistent output through all connected cables.
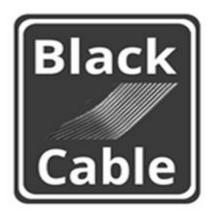

The 120mm HDB fan employs responsive fanspeed control, limiting noise to specific cooling requirements during use.

The DC-to-DC + LLC circuit design offers reliable, stable output to all connected components.

This certification guarantees a typical efficiency of 80% under normal operating conditions.

The flat cables take up less space and are easier to manipulate within the chassis.

This unit comes with a standard limited manufacturing warranty of 3 years from the date of purchase.