

TG500-BZ
500 Watt



Features:

- Compliant with Intel EPS12V Ver. 2.92 and ATX Ver. 2.2 and downward versions with six independent +12V rails
- Six independent +12 V rails provide individual power to different devices, thus making the system more stable
- Universal motherboard compatibility due to 20+4-pin main power as well as 4-pin & 8-pin (+12 V) power connectors
- Less heat and less noise due to 80% efficiency; this saves electricity, making it an economical and ecological solution
- One 6-pin and one 6+2-pin PCI-Express connectors support NVIDIA SLI and Quad-SLI technology and ATI Crossfire graphic cards
- PCI-Express 6-pin & 6+2-pin cables with REMI technology (ferrite core + cable shielding + anti-noise capacitor) reduce EMI ripples and noises
- Supports high-end motherboard with VGA 4-pin socket for graphic card power
- Total 14 IDE and SATA hard disks are available for numerous configurations, particularly suitable for graphic-, gaming- and server-usage
- Patented manual +12V rails „TURBO“ mode switch can integrate six rails into single rail with more DC output
- By means of TSCT (Tagan Silence Control Technology) the fan of the Tagan power supply operates very silent at any DC output
- Perfect cooling and silent solution due to the blue illuminated 13.5 cm fan together with the super-big heat sink inside
- Black mesh and copper-shielded cables help to optimize airflow and makes the cables short-circuit proof
- Patented PipeRock modular cable management with colourfully illuminated housing to avoid wrong connection
- Internal OVP (Over Voltage Protection) and OCP (Over Current Protection) functions avoid sudden power surge to protect components in the system
- Universal AC input range for all countries: 115 – 230 VAC (±10% tolerance) with active PFC for better electricity performance
- Including cable clips for cable management
- Anti-vibration rubber frame between power supply and case avoids vibration and reduces noise
- Embedded AC input socket avoids interference with PC case
- Big I/O switch with dust proof rubber cover avoids dust and bears more current of AC input
- Unique ground wire with golden pin diverts static electricity from connected components to avoid disturbances

Voltage Table

Model	TG500-BZ 500W "PipeRock Series" (BZ500)					
AC Input	100 VAC - 240 VAC (±10% Tolerance); 12/6 A; 50/60 Hz					
DC Output	+3.3 V	+5 V	+12 V ₁	+12 V ₂	-12 V	+5 V _{SB}
Max Amps	24 A	24 A	20 A	20 A	0.8 A	3 A
Max Combined	140 W		432 W		9.6 W	15 W
Max Combined	480 W				20 W	
Total Power	500 W					

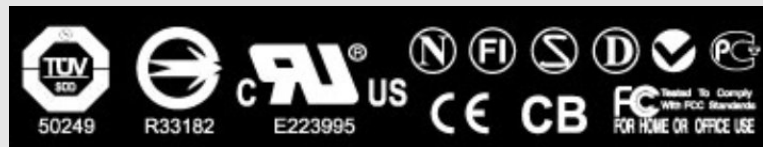
Cable Table

Model	TG500-BZ 500W "PipeRock Series" (BZ500)			
	Number of cables:	Cables:	+12V rail:	Cable exposed length:
Main board (20P+4P)	1	On board	12V1	500 mm
ATX12V (8P or 4P+4P) and EPS12V (4P+4P)	1	On board	12V2	500~550 mm
3 x Molex (4P)+1x FDD (4P)	2	Modular	12V1	450+150+150+150 mm
4 x SATA (5P)	2	Modular	12V1	450+150+150+150 mm
PCI-E (6P)	1	Modular	12V2	500~550 mm
PCI-E (8P = 6P+2P)	1	Modular	12V2	500~550 mm
Ground wire	1	On board		500 mm

Accessories

Item	Qty
Power cord	1
Cable band	2
Chassis screw	5
User manual	1
Anti-Vibration rubber	1
Screwdriver	1
Glove (Pair)	1

Certificates



Logistic Data:

Article number	13022
Article	TG500-BZ 500 W "PipeRock Serie"
EAR registration number	EAR888-62976468
Packaging unit	5 pcs
Net weight per piece	2.92 kg
Gross weight per piece	3.54 kg
Gross weight per carton	18.6 kg
Pieces per pallet	120 psc
Net dimensions per piece (W x H x D)	150 x 85 x 160 mm
Gross dimensions per piece (W x H x D)	300 x 250 x 120 mm
Gross dimensions per carton (W x H x D)	605 x 265 x 320 mm
Colour	Black
EAN-barcode	4250078130567
Custom tariff number	85044030
Country of origin	PR China

Comprehensive accessory:

Modular cables in practical textile bag

