

## Maximize Your Individuality

Cooler Master presents the TD500 MAX, the next revolutionary step in our MAX line up. The MAX series boasts maximum performance, ease-of-use, and exclusive features. The TD500 MAX is no exception.

Featured by a 38mm thick radiator and high-performance Mobius fan combination, the TD500 MAX is one of the best performative ATX case than ever.

Pre-installed components and pre-routed cables makes the PC building has never been easier. All you need to do is plug in your motherboard, GPU, and all the cables and you will be good to go.

Finally, a sleek grey colorway makes this a one-of-a-kind case. Maximize your individuality with the TD500 MAX.

# TD500 MAX

**The MAX series, revolutionized**
The TD500 MAX represents an entirely new stage in how Cooler Master is thinking about, and making, PC cases. The MAX series has always been about maximum performance, and the TD500 continues that legacy by focusing on synergizing between our case, power, and thermal products while providing unique benefits like improved installation.

**High-performance ATX form factor**
Featuring Cooler Master's latest all-in-one water-cooling solution, the TD500 comes loaded with all of the features and performance benefits that you've come to expect from an high-performance PC build.

**PC building made simple**
Building a PC can be time consuming and confusing, but it has never been easier than it is now with the TD500 MAX's numerous ease-of-use and quality-of-life improvements. This includes features such as pre-routed cables, pre-installed components, all of which make setup a total breeze.

MAX

# FEATURE HIGHLIGHTS



**Polygonal Mesh**

Crafted from Cooler Master's Fine Mesh technology, Polygonal Mesh features a three-dimensional contour and is also capable of simultaneously providing high airflow and dust filtration.




**Tailor-made ATX3.0 power solution**

A Cooler Master GXII 850W ATX 3.0 PSU comes pre-installed and ready for high performance at peak power.



**Innovative screw storage**

The PSU cover includes a convenient, hidden storage area for extra screws.



**Custom AIO cooler**

A Cooler Master 360x38mm Atmos radiator featuring three Mobius 120P fans can keep even the latest CPUs cooled off.



**Patented two-stage power connector**

To further reduce the pains of installation and cable management, we have included our patented, in-house designed, two-stage power connector.




**Exclusive colorway**

The TD500 comes in the MAX exclusive grey colorway, presenting an aesthetic as bold as its specs.

# FEATURE HIGHLIGHTS

| | | |
|---|---|---|
| Product Name | | TD500 MAX |
| Product Number | | TD500V2-MGNN85-SL0/ TD500V2-MGNN85-SL1 |
| Exterior Color | | Gun metal |
| Materials | Exterior | Steel, Plastic, Tempered Glass |
| | Left Side Panel | Tempered Glass |
| Dimensions (L x W x H) | Incl. Protrusions | 499x210x500mm |
| | Excl. Protrusions | 482x210x477mm |
| Volume (Liters Excl. Protrusions) | | 48L |
| Motherboard Support | | Mini-ITX, Micro-ATX, ATX |
| Expansion Slots | | 7 |
| Drive Bays | 5.25“ ODD | N/A |
| | 3.5” HDD | 2 |
| | 2.5” SSD | 3 |
| I/O Panel | USB Ports | 2 x USB 3.2 Gen 1 + 1x USB3.2 Gen 2x2 type C |
| | Audio In / Out | 1 x Audio combo |
| Included Accessories | | ARGB hub |
| Pre-installed Radiator | | ML360 Atmos MAX ver. |
| Pre-installed Power Supply Unit | | GX II Gold 850W ATX3.0 MAX ver. |
| Pre-installed Fan(s) | Front | 3 x 120mm(AIO Mobius120P ARGB fan) |
| | Top | N/A |
| | Rear | 1 x CF120 ARGB fan |
| Fan Support | Front | 3 x 120mm/2 x 140mm |
| | Top | 3 x 120mm/2 x 140mm |
| | Rear | 1x 120mm |
| Radiator Support | Front | 360mm/240mm |
| | Top | 360mm/240mm |
| | Rear | 120mm |
| Clearances | CPU Cooler | 165 mm |
| | Power Supply | 200mm (Pre-installed PSU Length 160mm) |
| | Graphics Card | 380mm( with pre-installed AIO on front) |
| Cable Routing | Behind MB Tray | 19 mm |
| Dust Filters | | Top, Bottom |
| Warranty | | 2 years (Case), 5 years (Thermal Solution), 5 years (Power Delivery) |

| | |
|---|---|
| EAN code | 4719512146279<br>4719512146286(UK) |
| UPC code | 884102118593 |
| Net weight | 11.4kg |
| Gross weight | 14.2kg |
| Carton dimension (L x W x H) | 600x327x618mm |

| Cont. | W/ Pallet | Carton/ Pallet | W/O Pallet |
|---|---|---|---|
| 20’ | 18 | 180 | 225 |
| 40’ | 20 | 378 | 465 |
| 40 HQ | 20 | 420 | 544 |

# FEATURE HIGHLIGHTS




**Refined dual chamber design**

Our signature dual chamber pump has been refined for enhanced cooling synergy.



**Powered by Mobius 120P ARGB Fan**

Pre-installed with 120mm Mobius fans, bring the performance potential to the next level.



**ARGB gen 2 lighting**

Next generation lighting with addressable gen 2 RGB, compatible with both MasterPlus and MasterCTRL.




**Customed radiator**

Increased surface area of the radiator with thicker 38mm radiator.




**Eco-friendly pump cover**

The entire pump cover is manufactured with eco-friendly recycled plastics, putting our environment first.

**Customizable pump top cover**

Removable pump top cover, customizable with your own 3D-printed designs.

# FEATURE HIGHLIGHTS

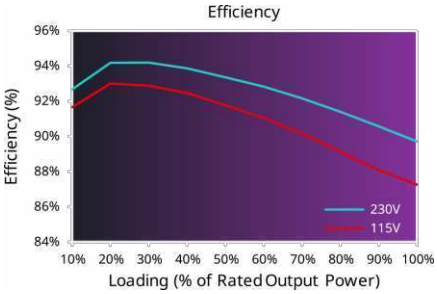
## All-In-One Watercooling Solution

| | | |
|---|---|---|
| Product name | | MasterLiquid 360 Atmos Max (MLX-D36M-A24PZ-DY) |
| Exterior Color | | Black |
| CPU Socket | Intel | LGA 1200/1700 |
| | AMD | AM4/AM5 |
| Radiator | Material | Aluminum |
| | Dimensions (L x W x H) | 394 x 119.6 x 38.2mm |
| Pump | Dimensions (L x W x H) | 84.9 x 81 x 53.15 mm |
| | MTTF (Hours) | > 210,000 Hours |
| | Noise Level (dBA) | 25 dB(A) |
| | Connector | 4-pin PWM |
| | Rated Voltage (VDC) | 12V |
| | Power Consumption (W) | 3.84W |
| Warranty | | 5 years |

## Included Fans

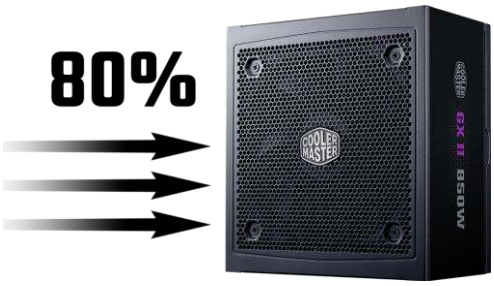
| | |
|---|---|
| Product name | MOBIUS 120P ARGB |
| Dimensions (L x W x H) | 120 x 120 x 25 mm / 4.7 x 4.7 x 1” |
| LED Type | Addresable Gen 2 RGB (3 PIN ARGB) |
| Speed (RPM) | 0~2400 RPM ±10% |
| Airflow (CFM) | 75.2 CFM |
| Noise Level (dBA) | 30 dBA |
| **Bearing** | Loop Dynamic Bearing |
| **Static** Pressure (mm H2O) | 3.63 $mmH_2O$ |
| **MTTF** | >200,000 Hours |
| Power Connector | 12VDC, 4pin PWM |
| **Power Consum.** | 2.16W |
| Rated Voltage (VDC) | 12 VDC |
| Rated Current (A) | 0.18 A |
| **Weight** | 179g |
| **Warranty** | 5 Years |

# FEATURE HIGHLIGHTS




**Exceptional efficiency**

Can achieve 80 Plus Titanium level efficiency during general use.




**Advanced thermal performance**

An airflow maximum of 80% from the hexagonal fan cover enhances thermal performance.

**80 Plus Gold efficiency certification**

Certified to achieve more than 90% efficiency at typical loads.



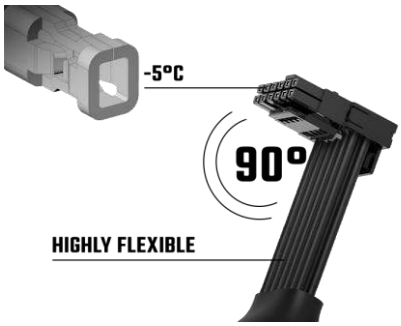
**Fully modular cabling**

Modular cabling reduces clutter and improves overall thermal performance.




**Silent and smart performance**

Zero-RPM default mode below 40% loads.




**A durable 12VHPWR cable**

An advanced thermal structure and flexible cable provide improved safety.

# FEATURE HIGHLIGHTS

## Included Power Supply Specifications

| | | | |
|---|---|---|---|
| ATX Version | | ATX 12V Ver. 3.0 | |
| PFC | | Active PFC | |
| Input Voltage | | 100-240V | |
| Input Current | | 10 - 5A | |
| Input Frequency | | 50 - 60Hz | |
| Dimensions (L x W x H) | | 160 x 150 x 86mm | |
| Fan Size | | 120mm | |
| Fan Bearing | | HDB | |
| Efficiency | | ≥ 90% @ Typical Load | |
| 80 PLUS Rating | | 80 PLUS Gold | |
| ErP 2014 Lot 3 | | Yes | |
| Operating Temperature | | 0 ~ 40℃ | |
| Power Good Signal | | 100-150 ms | |
| Hold Up Time | | ≥ 16ms @80%Load | |
| MTBF | | >100,000 hours | |
| Protections | | OPP/ OVP/ OTP/ OCP/ SCP/ UVP/ Surge & Inrush Protection | |
| Regulatory | | cTUVus, TUV, CE, FCC, BSMI, CCC, EAC, RCM, UKCA, RoHS2.0 / BIS, KC (based on region's request.) | |
| Connectors<br>First stage = (1)<br>Second stage = (2) | ATX 24 Pin | x1 = 1x (550mm) (1) | x1 = 1x (140mm) (2) |
| | EPS 4+4 Pin | x1 = 1x (500mm) (1) | x1 = 1x (130mm) (2) |
| | EPS 8 Pin | x1 = 1x (500mm) (1) | x1 = 1x (130mm) (2) |
| | SATA (1) | x6 = 2x (500(s)+120(s)+120(s)+120(p)mm) | |
| | Peripheral 4 Pin (1) | x2 = 2x (500(s)+120(s)+120(s)+120(p)mm) | |
| | PCI-e 6+2 Pin | x1 = 1x (300mm) (1) | x1 = 1x (250mm) (2) |
| | 12VHPWR (1) | x1 = 1x (650mm) | |

| AC INPUT | 100-240V~ 10 - 5A 50 - 60Hz | | | | |
|---|---|---|---|---|---|
| DC OUTPUT | +3.3V | +5V | +12V | -12V | +5Vstb |
| | 20A | 20A | 70.8A | 0.3A | 3A |
| TOTAL POWER | 120W | 849.6W | 3.6W | 15W | 120W |
| | 850W | | | | |

