

- **Style: CTE (Centralized Thermal Efficiency) Form Factor Design**
- **Size: Full Tower supports up to E-ATX MB**
- **Material: Steel & Tempered Glass**

Datasheet

Main Features

- **Connection** : Front I/O ports with 2 x USB 3.0 & 1 x USB 3.2 (Gen 2) Type C
- **Ventilation** : 3 preinstalled 140mm CT140 fan
- **Supports** : Supports AIO/DIY cooling solutions



Specification

Model	CTE T500 Air	CTE T500 Air Snow
P/N	CA-1X8-00F1WN-00	CA-1X8-00F6WN-00
Case Type	Full Tower	
Chassis Dimension (H*W*D)	615 x 275 x 516 mm (24.21 x 10.83 x 20.31 inch)	
Net Weight	15.3 kg / 33.73 lbs.	15.6 kg / 34.39 lbs.
Panel	4mm Tempered Glass x 1	
Color	Black	White
Material	SPCC / ABS	
Cooling System	Front(intake): 140 x 140 x 25 mm CT140 fan (1500rpm, 30.5 dBA) x 1 Top(exhaust): 140 x 140 x 25 mm CT140 fan (1500rpm, 30.5 dBA) x 1 Rear(intake): 140 x 140 x 25 mm CT140 fan (1500rpm, 30.5 dBA) x 1	
Drive Bays	4 x 3.5" or 6 x 2.5"	
Expansion Slots	7	
Motherboards	6.7" x 6.7" (Mini ITX), 9.6" x 9.6" (Micro ATX), 12" x 9.6" (ATX), 12" x 13" (E-ATX)	
I/O Port	USB 3.2 (Gen 2) Type-C x 1, USB 3.0 x 2, HD Audio x 1	
PSU	Standard PS2 PSU (optional)	
Fan Support	Front: 3 x 120mm, 2 x 120mm, 1 x 120mm 3 x 140mm, 2 x 140mm, 1 x 140mm Top: 2 x 120mm, 1 x 120mm 2 x 140mm, 1 x 140mm Right: 1 x 120mm, 1 x 140mm Rear: 3 x 120mm, 2 x 120mm, 1 x 120mm 3 x 140mm, 2 x 140mm, 1 x 140mm Bottom: 1 x 120mm, 1 x 140mm PSU Cover: 1 x 120mm, 1 x 140mm	
Radiator Support	Front: 1 x 360mm, 1 x 240mm, 1 x 120mm 1 x 420mm(AIO only), 1 x 280mm, 1 x 140mm Top: 1 x 120mm(AIO only) Rear: 1 x 360mm, 1 x 240mm, 1 x 120mm 1 x 280mm, 1 x 140mm	
Clearance	CPU cooler max height: 195mm VGA max length: 385mm PSU max length: 180mm	

Packaging

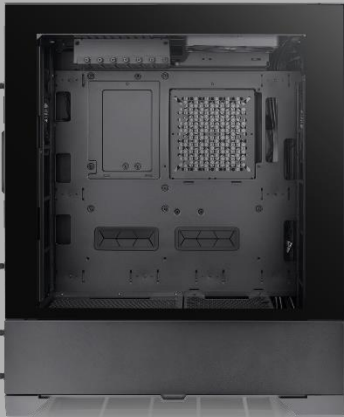
Package Information	CTE T500 Air	CTE T500 Air Snow
EAN Code	4713227535533	4713227537209
UPC Code	841163085547	841163087213
N.W	15.3 kg / 33.73 lbs.	15.6 kg / 34.39 lbs.
G.W	18 kg / 39.68 lbs.	18.3 kg / 40.34 lbs.
Carton Size (L x W x H)	605 x 380 x 725 mm / 23.82 x 14.96 x 28.54 inch	
Cuft	5.88	
Container	w/o pallet	
20'	170 pcs	
40'	350 pcs	
40' HQ	410 pcs	



Appearance – Black version



Angle view



Left Side view



Front view



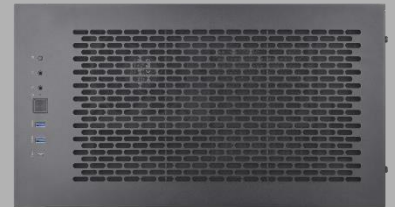
Right Side view



Internal Structure



Rear view



Top view



Bottom view

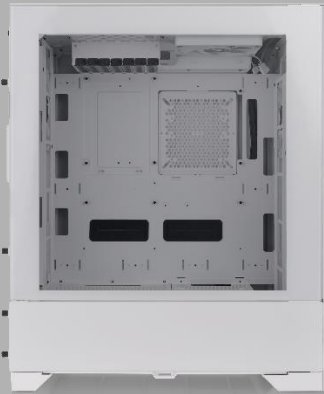


Thermaltake CTE T500 Air Full Tower Chassis

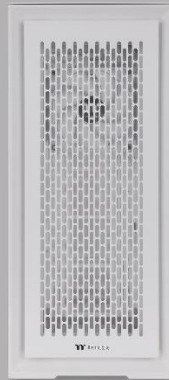
Appearance –
Snow version



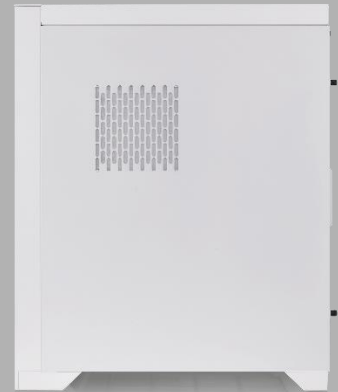
Angle view



Left Side view



Front view



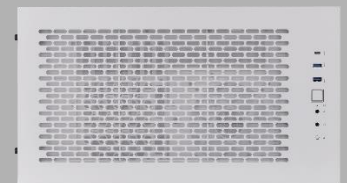
Right Side view



Internal Structure



Rear view



Top view



Bottom view

Clearance



Maximum supports up to 140mm fan x 10

Maximum radiator supports up to 420mm at front



Maximum 120/140mm top fan x 2

Structure (External)



USB 3.2 (Gen 2) Type-C x 1

USB 3.0 x 2

HD Audio

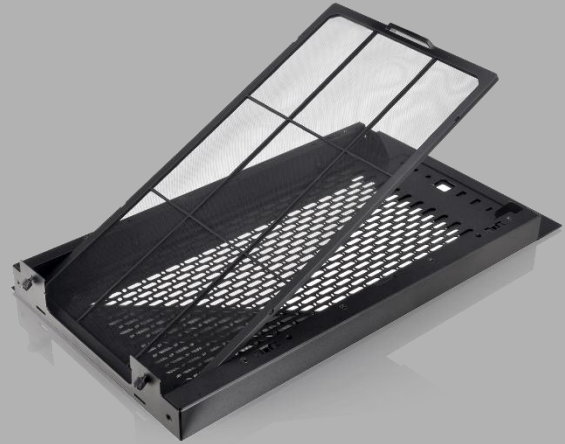


4mm Tempered Glass x1

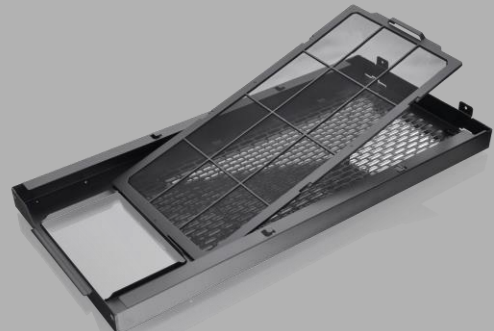
Structure (Internal)



Front filter



Top filter



Rear filter



Bottom filter



Right side filter

Structure (Internal)

It can support up
to 2.5" SSD x 6



It can support up
to 3.5" HDD x 4

Structure (Internal)



Pump bracket is compatible with Pacific PR12-D5 Plus



120/140mm Fan x1
at the bottom



120/140mm Fan x1
on the power cover

Structure (Internal)



Preinstalled 140mm
CT140 fan at the
front/top/rear



120/140mm
Right fan x 1 with
HDD bracket

Structure (Internal)



Front



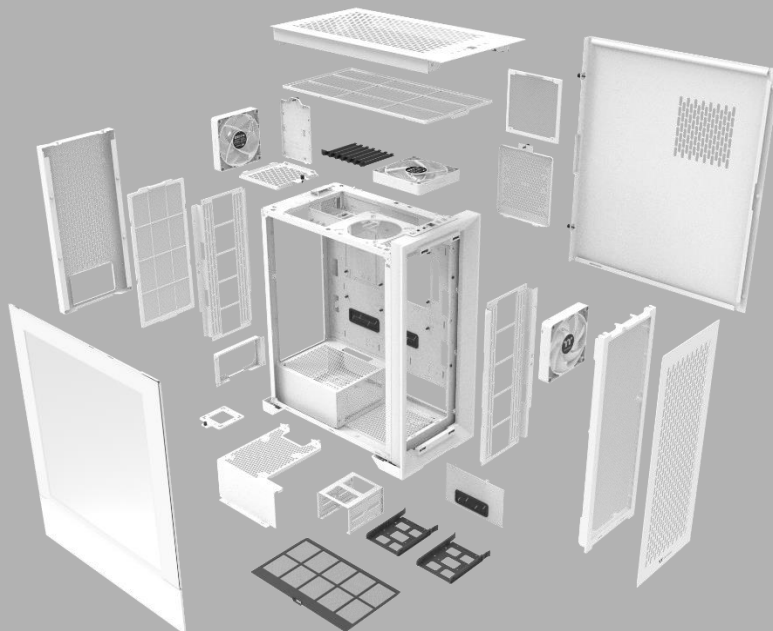
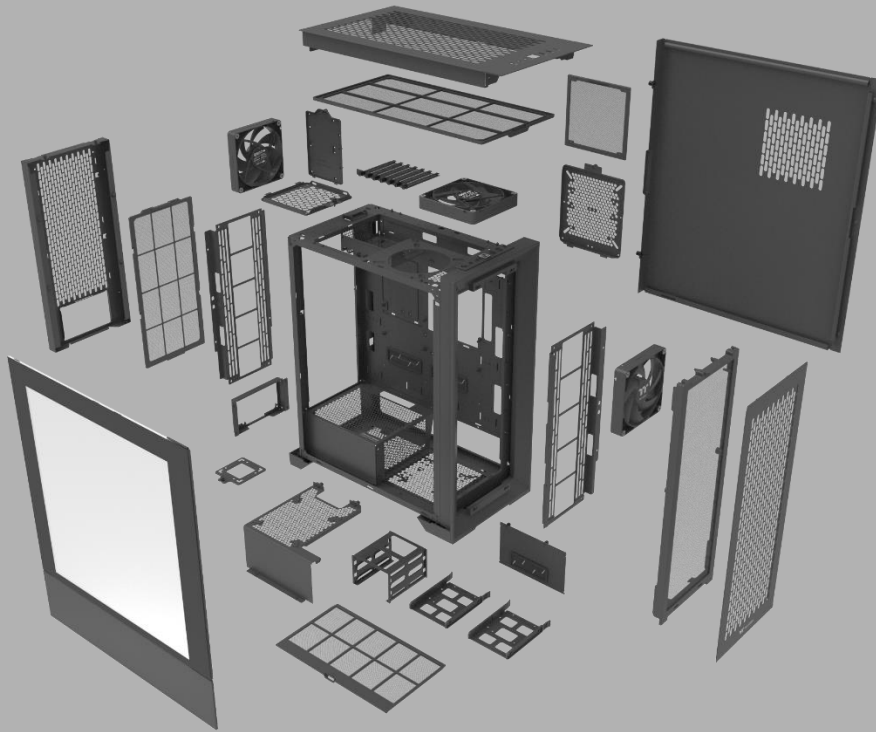
Reversible fan/radiator bracket
for flexible installation



Back



Exploded View



Pre-installed CT Fans



Pre-installed three hydraulic bearing **CT140** fans which can effectively lower the operation noise and enhance the thermal efficiency.



Black Version



Snow Version

SPEC for Case **CT140** fans

-Fan Speed: 500~1500 RPM

-Max. Fan Airflow: 77.37 CFM

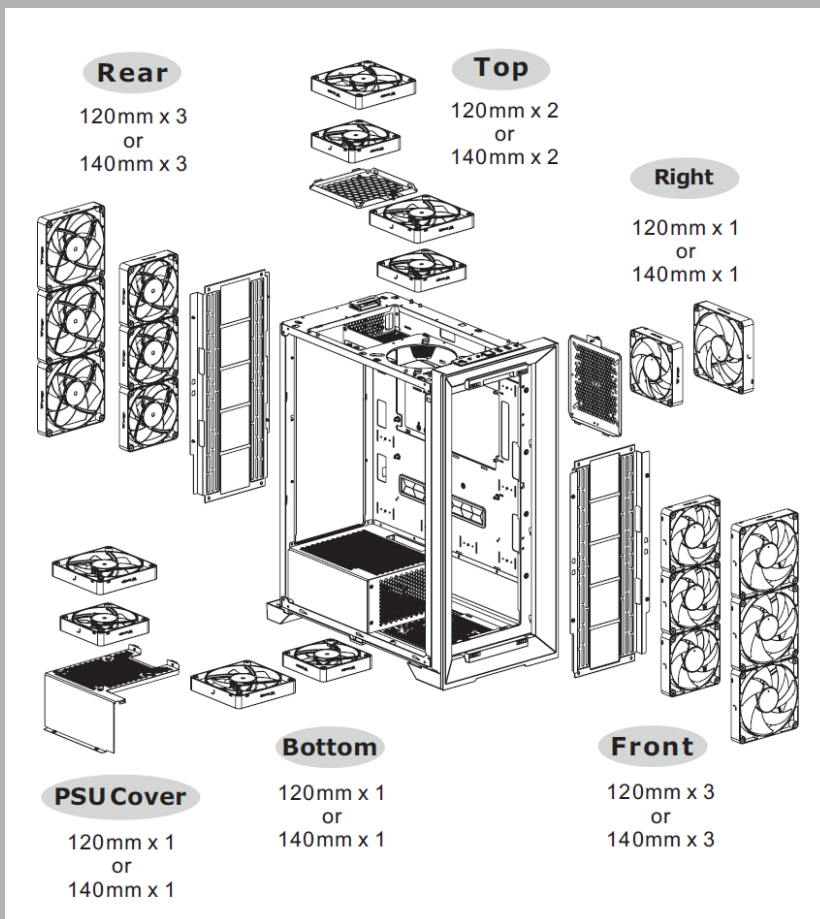
- Max. Fan Air Pressure: 2.3 mm-H₂O

- Fan Noise Level: 30.5 dBA

-Fan Bearing: Hydraulic bearing

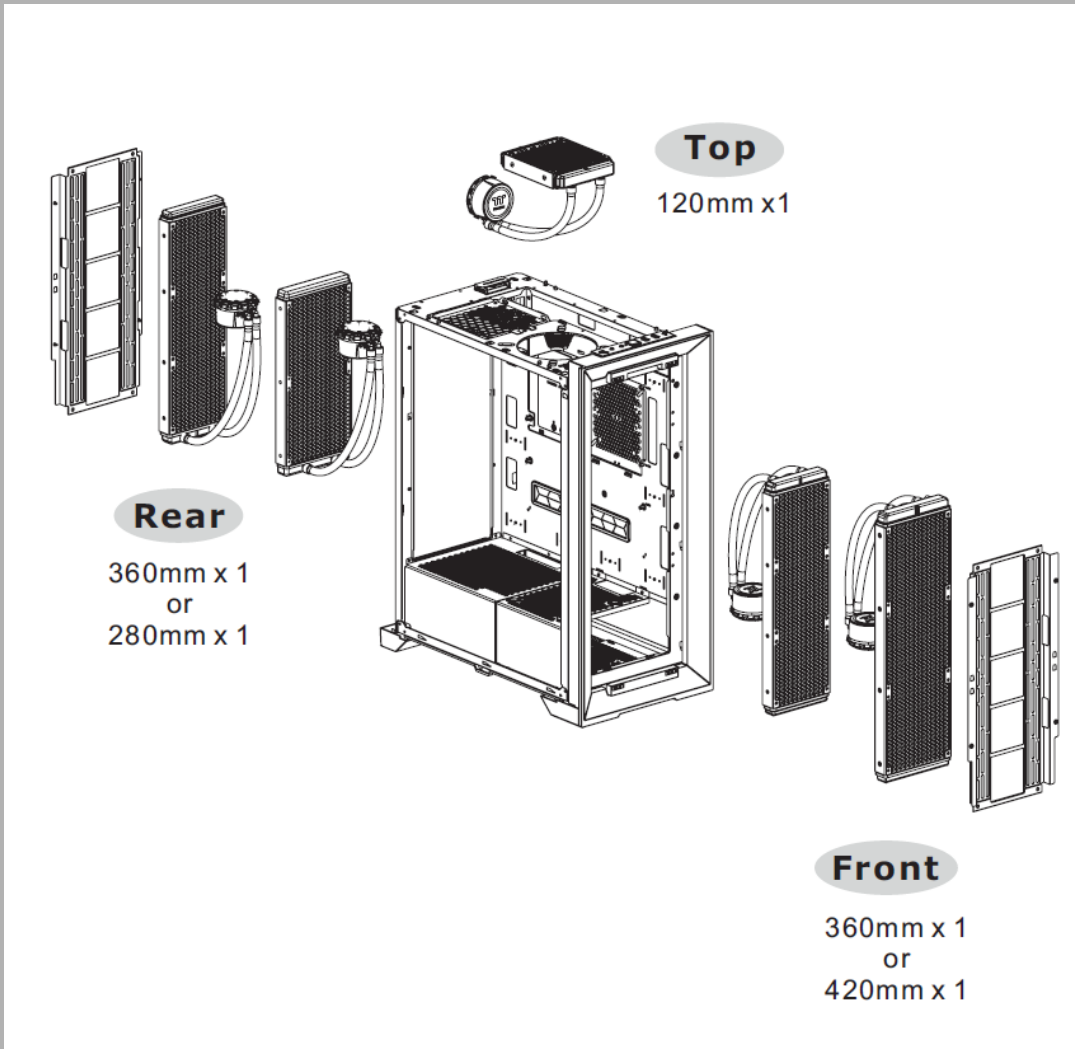
Compatibility List

Fan Compatibility List			
	120mm	140mm	200mm
Front	3	3	-
Top	2	2	-
Right	1	1	-
Rear	3	3	-
Bottom	1	1	-
Power Cover	1	1	-



All-in-One Compatibility

All-in-One Compatibility List						
	120mm	240mm	360mm	140mm	280mm	420mm
Front	●	●	●	●	●	●
Top	●	-	-	-	-	-
Rear	●	●	●	●	●	-
Bottom	-	-	-	-	-	-



DIY Liquid Cooling Compatibility

DIY Liquid Cooling Compatibility List						
	120mm	240mm	360mm	140mm	280mm	420mm
Front	●	●	●	●	●	-
Top	-	-	-	-	-	-
Rear	●	●	●	●	●	-
Bottom	-	-	-	-	-	-

