

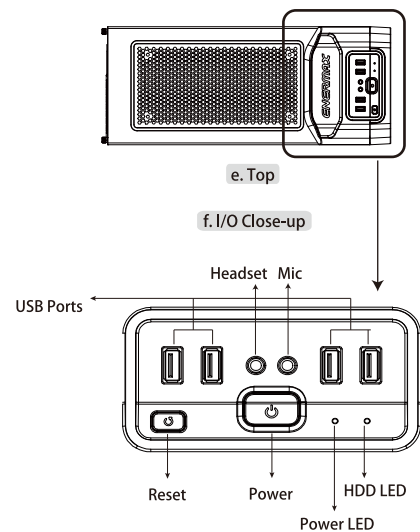
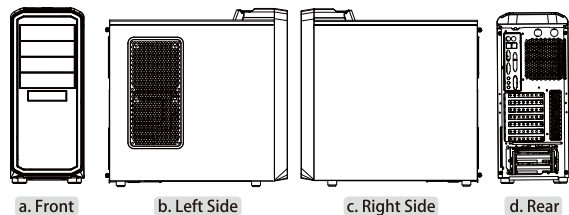
User's Manual
Handbuch
Instrukcja obsługi
ユーザ マニュアル
使用手冊

ENERMAX
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Chapter 1 :

- Product Overview · Produkteinführung
- Opis produktu · 製品の説明 · 產品概觀

1.2 Product View Produktskizze Opis produktu 製品ビュー 產品外觀



1.2 Accessories Zubehör Wyposażenie

Figure	Parts Name	Q'ty	Purpose
	PSU/PCI slot screw	7	PSU/Add-on card installation
	Motherboard screw	9	Motherboard installation
	Fan screw	4	Front fan installation
	Stand-off	9	Motherboard installation
	Meshed slot cover	1	Slot cover
	HDD rail	4	HDD installation (upper cage)
	Speaker	1	Speaker installation
	Cable tie	9	Cable management

1.3 Specs Technische Daten Dane techniczne

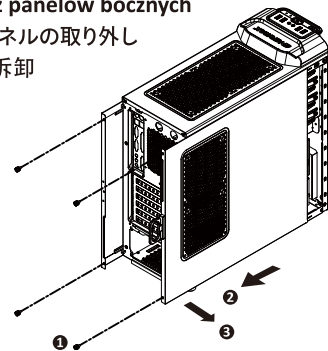
Model Number	ECA3250	ECA3251
Dimensions (mm)	(D) 480 x (W) 200 x (H) 460	
Material	SGCC	
Drive Bays	5.25"	4
	3.5"	1 (exposed) +5 (hidden)
M/B	ATX, Micro ATX	
Power Supply	ATX 12V (Optional)	
I/O	USB 3.0 x 1, USB 2.0 x 3, HD/AC97 Audio	USB 2.0 x 4, HD/AC97 Audio
Fan Slots	Front	1 x 12cm
	Side	2 x 14/12cm
	Rear	1 x 12cm
	Top	2 x 14/12cm
	Bottom	1 x 12cm
Expansion Slots	7	
Liquid Cooling Holes	2	

*Product specifications are subject to change without notice.

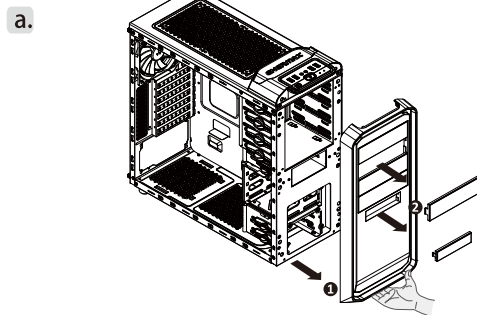
Chapter 2 :

- Installation Guide · Montageanleitung · Instrukcja montażu
- 取り付けの説明 · 組装説明

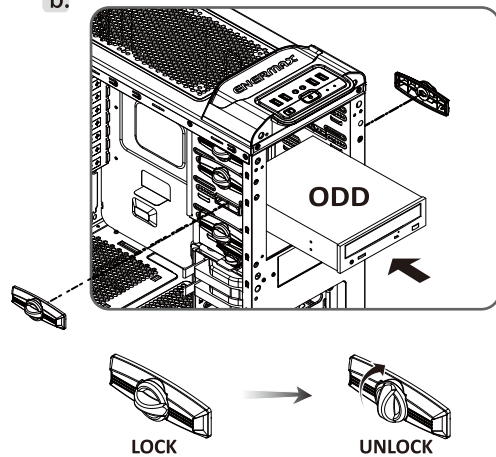
2.1 How to Remove Both Side Panels Entfernen der Seitenwände Demontaż panelów bocznych 両サイドパネルの取り外し 兩側側板拆卸



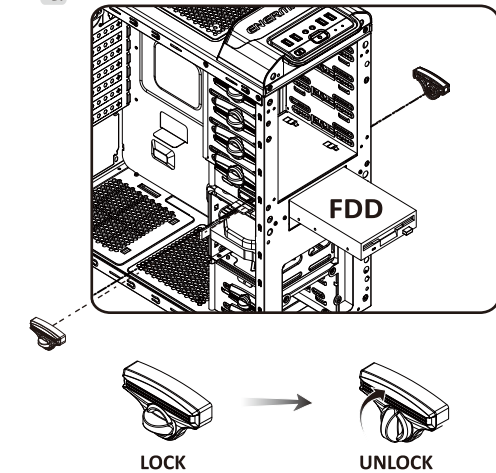
2.2 How to Install the External 5.25" and 3.5" Devices Installation externer 5,25"- und 3,5"-Laufwerke Instalacja napędów 5,25" i 3,5" 5インチと3.5インチ外付けデバイスの取り付け方法 光碟機、軟碟機安裝



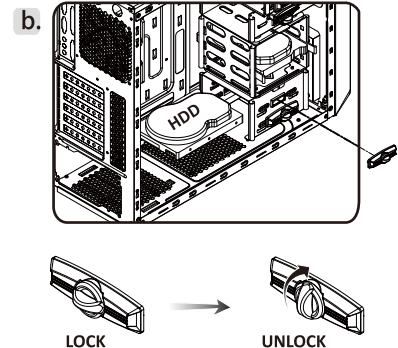
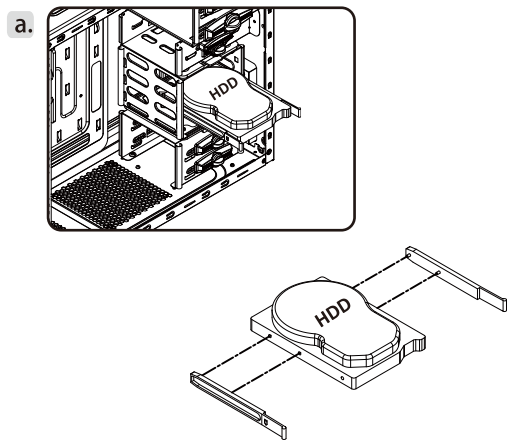
b.



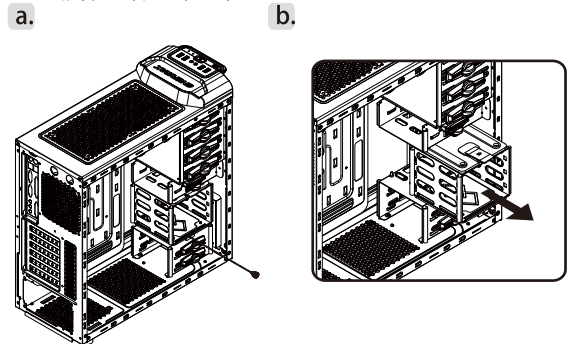
c.



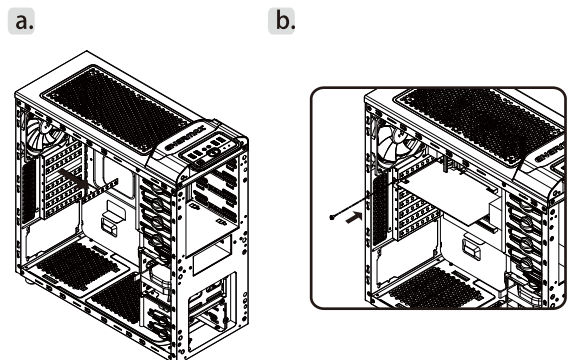
2.3 How to Install Internal 3.5" Device Installation von internen 3,5"-Laufwerken Instalacja wewnętrznych napędów 3,5" 内部3.5インチデバイスの取り付け 3.5" 硬碟安裝



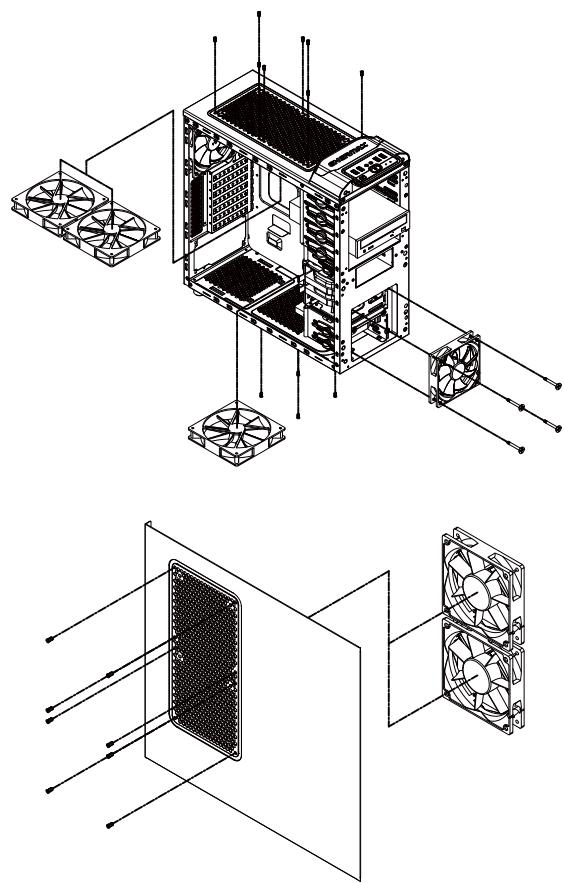
2.4 How to Remove the Upper HDD cage Entfernen des oberen Festplattenkäfigs Demontaż górnej klatki HDD 上部ハードディスク用ブラケットの外し方 移除上層硬碟磁架



2.5 How to Install Add-on Cards Installation von Erweiterungskarten Instalacja kart rozszerzenia アドオンカードの取り付け 安裝擴充卡



2.6 How to Install System Fans Installation der Systemlüfter Instalacja wentylatorów systemu ケースファンの取り付け 機箱風扇安裝



Chapter 3 :

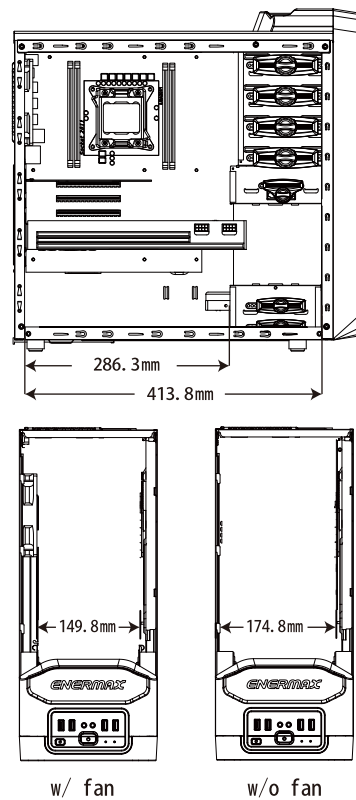
- Cable Connection Description · Anschlussübersichtg
- Instrukcja montażu · ケーブル接続の説明
- 線材安裝說明

Motherboard	Cable
Panel Connector IDELED+ → PLED+ IDELED- → PLED- Ground → PWR Reset → GND NC → No Pin	Panel Connector POWER SW → PWR COND → COND H.D.D. LED → IDELED+ LED → IDELED- RESET SW → Ground P.W. LED+ → PLED+ P.W. LED- → PLED-
High Definition Audio (Azalia) MIC_L → AGND MIC_R → PRESENSE HP_L → MIC_L_ID Jack_Sense → No Pin HP_L → HP_L_ID	HD Audio Connector CABLE
AC'97 MIC_L → AGND MIC_R → NC Line_out_R → Line_out_R NC → No Pin Line_out_L → Line_out_L	AC'97 Connector CABLE NC → MIC_L AGND → AGND MIC_R → MIC_R Line_out_R → Line_out_R Line_out_L → Line_out_L
Top Panel USB 2.0 Connector USB+V → USB+V USB_P- → USB_P- USB_P+ → USB_P+ GND → GND No Pin → NC	USB 2.0 Connector CABLE
Top Panel USB 3.0 Connector H.A_P2_P+ → ID H.A_P2_P- → H.A_P2_P+ GND → GND H.A_P2_S1_P+ → H.A_P2_S1_P+ H.A_P2_S1_P- → H.A_P2_S1_P- GND → GND H.A_P2_S2_P+ → H.A_P2_S2_P+ H.A_P2_S2_P- → H.A_P2_S2_P- Vbus → Vbus	USB 3.0 Connector CABLE

Notice:
On some motherboards, the connectors might not be exactly the same as the drawings above, please check with your motherboard manual before installing.
Bei einigen Mainboards ist der Stecker unter Umständen nicht identisch mit dem auf der Zeichnung oben.
Wtyczki niektórych płyt głównych mogą odróżniać się od tych na rysunku powyżej. Proszę również przeczytać instrukcję obsługi płyty głównej przed instalacją.
マザーボードによってはコネクタ類の形状が上の図面と異なる場合がございます。詳しくはマザーボードの取扱説明書をご参照ください。
圖面所示之線材可能與使用之主機板不盡相同，安裝前請參考主機板廠商所提供之說明書。

Chapter 4 :

- Suggested Height of CPU Cooler and Length of VGA card
- Empfohlene Höhe des CPU-Kühlers und Länge der Grafikkarte
- CPUクーラーの高さとVGAカードの長さについて
- CPU cooler高度及顯示卡長度建議



w/ fan

w/o fan