

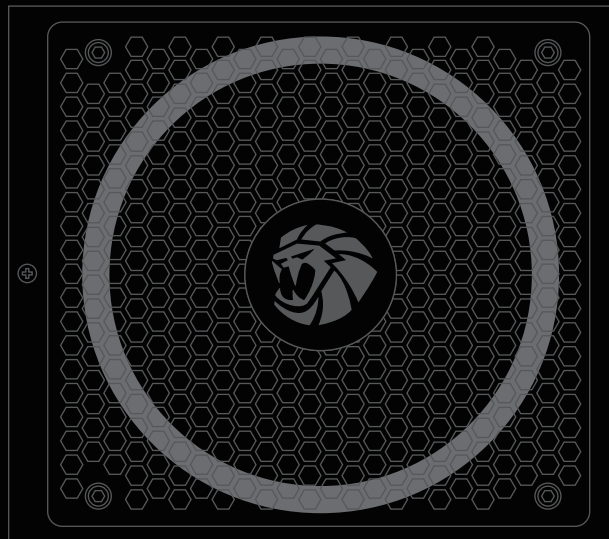


RGB PRO

80 PLUS POWER SUPPLY

User Manual / Anwenderleitfaden /
Manual Do Usuário / Guide de l'utilisateur /
Руководство пользователя /
ユーザーガイド / 使用説明書 / 使用说明书

RGB PRO 5.1 VER



P O W E R U P W I T H G A M E M A X



For more information and product specifications, visit
www.gamemaxpc.com

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Напоминания о безопасности / 安全に関する注意事項 / 安全提醒 / 安全提醒

English

Before installation:

- Make sure that the wattage and output of your PSU are enough to power your system's requirements.
- Make sure that the power cord is disconnected and that the PSU switch is turned off.
- This PSU was designed for NON-INDUSTRIAL desktop systems according to INTEL's Desktop Platform Form Factors. Usage outside of these parameters, including cryptocurrency mining, might cause overheating, malfunction, or damage to your equipment and will void your warranty.
- Do not attempt to expand the connectors through adapters or other means.
- Do not operate in wet or damp conditions.
- Do not open the PSU casing, the unit operates with hazardous voltages, and there is no serviceable component inside.
- Do not remove the warranty sticker. Damage or removal of the sticker will void your warranty.
- Please visit GameMax official website www.gamemaxpc.com for details on your PSU warranty policy.

Português

Antes da instalação

- Certifique-se de que a potência e a saída da sua PSU sejam suficientes para atender aos requisitos do seu sistema.
- Certifique-se de que o cabo de alimentação esteja desconectado e que o interruptor da PSU esteja desligado.
- Esta PSU foi projetada para sistemas de desktop NÃO INDUSTRIAIS de acordo com os Fatores de Forma da Plataforma de Desktop da INTEL. O uso fora desses parâmetros, incluindo mineração de criptomoedas, pode causar superaquecimento, mau funcionamento ou danos ao seu equipamento e anulará sua garantia.
- Não tente expandir os conectores por meio de adaptadores ou outros meios.
- Não opere em condições úmidas ou molhadas.
- Não abra o gabinete da PSU, a unidade opera com tensões perigosas e não há nenhum componente reparável dentro.
- Não remova o adesivo de garantia. Danos ou remoção do adesivo anularão sua garantia.
- Visite o site oficial da GameMax www.gamemaxpc.com para obter detalhes sobre a política de garantia da sua PSU.

Deutsch

Vor der Installation :

- Stellen Sie sicher, dass die Wattzahl und die Leistung Ihres Netzteils ausreichen, um den Bedarf Ihres Systems zu decken.
- Stellen Sie sicher, dass das Netzkabel abgezogen und der Netzteilsschalter ausgeschaltet ist.
- Dieses Netzteil wurde für NICHT-INDUSTRIELLE Desktopsysteme gemäß den Formfaktoren der Desktop-Plattform von INTEL entwickelt. Eine Verwendung außerhalb dieser Parameter, einschließlich Kryptowährungs-Mining, kann zu Überhitzung, Fehlfunktionen oder Schäden an Ihrem Gerät führen und führt zum Erlöschen Ihrer Garantie.
- Versuchen Sie nicht, die Anschlüsse durch Adapter oder andere Mittel zu erweitern.
- Betreiben Sie das Gerät nicht in nassen oder feuchten Umgebungen.
- Öffnen Sie das Netzteilgehäuse nicht, da das Gerät mit gefährlichen Spannungen betrieben wird und sich im Inneren keine zu wartenden Komponenten befinden.
- Entfernen Sie den Garantieaufkleber nicht. Eine Beschädigung oder Entfernung des Aufklebers führt zum Erlöschen Ihrer Garantie.
- Besuchen Sie bitte die offizielle GameMax-Website www.gamemaxpc.com, um Einzelheiten zu den Garantiebestimmungen für Ihr Netzteil zu erfahren.

Français

Avant l'installation

- Assurez-vous que la puissance et la sortie de votre bloc d'alimentation sont suffisantes pour répondre aux besoins de votre système.
- Assurez-vous que le cordon d'alimentation est débranché et que l'interrupteur du bloc d'alimentation est éteint.
- Ce bloc d'alimentation a été conçu pour les systèmes de bureau NON INDUSTRIELS conformément aux facteurs de forme de la plate-forme de bureau d'INTEL. Une utilisation en dehors de ces paramètres, y compris l'extraction de crypto-monnaie, peut provoquer une surchauffe, un dysfonctionnement ou des dommages à votre équipement et annulera votre garantie.
- N'essayez pas d'étendre les connecteurs à l'aide d'adaptateurs ou d'autres moyens.
- N'utilisez pas dans des conditions humides ou mouillées.
- N'ouvrez pas le boîtier du bloc d'alimentation, l'appareil fonctionne avec des tensions dangereuses et il n'y a aucun composant réparable à l'intérieur.
- N'enlevez pas l'autocollant de garantie. L'endommagement ou le retrait de l'autocollant annulera votre garantie.
- Veuillez visiter le site Web officiel de GameMax www.gamemaxpc.com pour plus de détails sur la politique de garantie de votre bloc d'alimentation.

Русский

Перед установкой :

- Убедитесь, что мощность и выход вашего блока питания достаточны для обеспечения потребностей вашей системы.
- Убедитесь, что шнур питания отключен, а переключатель блока питания выключен.
- Этот блок питания был разработан для НЕПРОМЫШЛЕННЫХ настольных систем в соответствии с форм-факторами настольных платформ INTEL. Использование за пределами этих параметров, включая майнинг криптовалюты, может привести к перегреву, неисправности или повреждению вашего оборудования и аннулирует вашу гарантию.
- Не пытайтесь расширять разъемы с помощью адаптеров или других средств.
- Не эксплуатируйте в условиях сырости или влажности.
- Не открывайте корпус блока питания, устройство работает с опасным напряжением, и внутри нет обслуживаемых компонентов.
- Не снимайте гарантийную наклейку. Повреждение или удаление наклейки аннулирует вашу гарантию.
- Пожалуйста, посетите официальный сайт GameMax www.gamemaxpc.com для получения подробной информации о гарантийной политике вашего блока питания.

繁體中文

安裝須知：

- 安裝前請確定選購的電源輸出功率可以符合系統需求。
- 安裝前需確認電源線必須拔起、開關必須關閉。
- 本電源遵循英特爾電源設計規範僅供桌上型電腦使用，不可用於工業電腦、虛擬幣挖礦系統，以及任何超出英特爾電源設計規範之用途，若不當使用會造成系統或電源的損壞且失去產品保固。
- 請不要轉接或分接更多接頭或變換接頭使用。
- 請不要在潮濕的環境中使用。
- 內有高危險電壓且內無可替換用的零件，請勿打開電源外殼。
- 請勿撕毀或造成保固貼紙破損，保固貼紙無法辨識會使保固失效。
- 請造訪GameMax官方網站www.gamemaxpc.com以取得更多的保固資訊。

日本語

インストール前:

- 電源のワット数と出力がシステムの要件を満たすのに十分であることを確認してください。
- 電源コードが取り外され、PSU スイッチがオフになっていることを確認してください。
- この電源は、INTEL のデスクトップ プラットフォーム フォーム ファクターに従って非産業用デスクトップシステム用に設計されています。暗号通貨のマイニングなど、これらのバレーメーター以外で使用すると、機器の過熱、誤動作、または損傷が発生する可能性があり、保証が無効になります。
- アダプターやその他の手段を使用してコネクタを拡張しないでください。
- 濡れた状態や湿気のある状態では動作しないでください。
- 電源のケースを開けないでください。ユニットは危険な電圧で動作し、内部に修理可能なコンポーネントはありません。
- 保証ステッカーを剥がさないでください。ステッカーが破損または剥がれると保証が無効になります。
- 電源の保証ポリシーの詳細については、GameMax の公式 Web サイト www.gamemaxpc.com をご覧ください。

简体中文

安裝須知：

- 安裝前請確定選購的電源輸出功率可以符合系統需求。
- 安裝前需確認電源線必須拔起、開關必須關閉。
- 本電源遵循英特爾電源設計規範僅供台式機電腦使用，不可用於工業電腦、虛擬幣挖礦系統，以及任何超出英特爾電源設計規範之用途，若不當使用會造成系統或電源的損壞且失去產品質保。
- 請不要轉接或分接更多接頭或變換接頭使用。
- 請不要在潮濕的環境中使用。
- 內有高危險高電壓且內無可替換用的零件，請勿打開電源外殼。
- 請勿撕毀或造成質保貼紙破損，質保貼紙無法辨識會使質保失效。
- 請造訪GameMax官方網站 www.gamemaxpc.com 以取得更多的質保信息。

General Specification

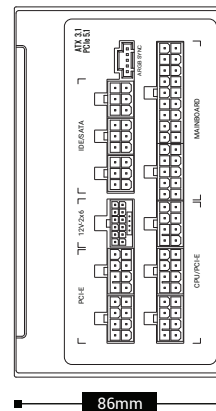
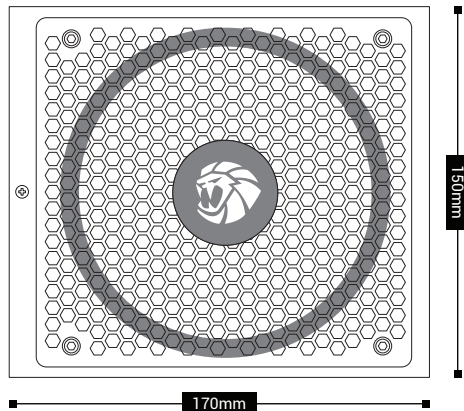
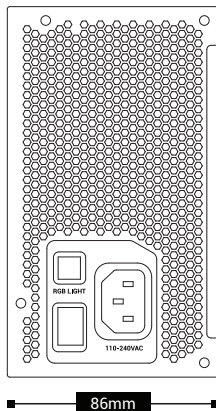
Allgemeine Spezifikation / Especificações gerais / Spécifications générales /
Общие характеристики / 一般仕様 / 一般規格 / 一般規格

Life expectancy (MTBF) at maximum output load	100 000 hours
Power factor correction (PFC)	Active
Voltage input	110-240V
Fan type	14CM Smart Temperature Control Fan
Protected against	NLP/SIP/OCP/OPP/SCP/UVF/OVP/OTP/OLP
Efficiency	80 Plus Platinum/Gold certified
Modular cables	Fully modular
Compatible version	Compatible with ATX 12V 3.1



AC INPUT CHARACTERISTICS

RGB PRO 1300P / RGB PRO 1050G				110-240VAC, 15-8A, 50-60Hz			
RGB PRO 850G / RGB PRO 750G				110-240VAC, 10-5A, 50-60Hz			
DC OUTPUT CHARACTERISTICS							
MODEL	+3.3V	+5V	+12V	-12V	+5VSB	3.3/5V Max.Power	Total Power
RGB PRO 1300P	15A	15A	108A	0.3A	2.5A	80W	1300W
RGB PRO 1050G	15A	15A	87.5A	0.3A	2.5A	80W	1050W
RGB PRO 850G	15A	15A	70A	0.3A	2.5A	80W	850W
RGB PRO 750G	15A	15A	62A	0.3A	2.5A	80W	750W

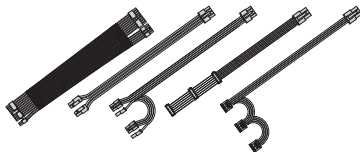


Package Contents

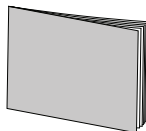
Packungsinhalt / Conteúdo da embalagem / Contenu du colis / Комплект поставки
/ パッケージ内容 / 包装内容 / 包裝內容



Power supply / Netzteil / Fonte de energia / Fonte de energia
/ Источник питания / 電源 / 電源供應器 / 電源



Modular cables / Modulare Kabel / Cabos modulares / Câbles modulaires
/ Модульные кабели / モジュールケーブル
/ 模組纜線 / 模組线材



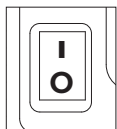
User guide (this booklet) / Benutzerhandbuch (diese Broschüre)
/ Guia do usuário (este livreto) / Guide d'utilisation (ce livret)
/ Руководство пользователя (этот буклет)
/ ユーザーガイド(本ドキュメント)
/ 使用者指南(本手冊)
/ 用戶指南(本手冊)



Mounting Screws / Montageschrauben / Parafusos de montagem
/ Vis de montage / Монтажные винты / 取付ネジ
/ 安裝螺絲 / 安裝螺絲

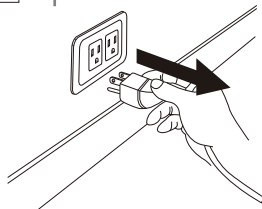
DC Connectors and Pinout

DC-Anschlüsse und Pinbelegung / Conectores DC e Pinagem / Connecteurs CC et brochage / Разъемы постоянного тока и схема расположения выводов /
DCコネクタとピン出力 / DC 连接器 and 引脚排列 / 直流连接器和引脚排列

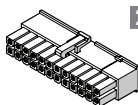
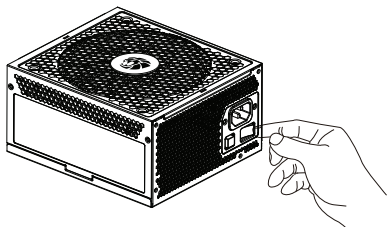


1 Turning the I/O Switch Off

Before installing the PSU, unplug the AC Power cord and make sure the I/O switch is off.



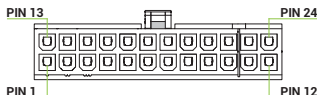
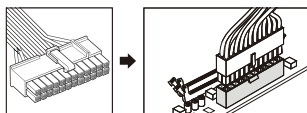
I/O switch is off



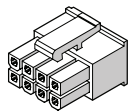
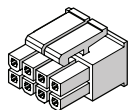
2 ATX 24-pin [20+4]

Connect 20+4-pin connector to the motherboard.

Note: The detachable 4-pin connector of the 20+4-pin is not suitable for ATX12V 4-pin connector. Incorrect connection may cause irreversible damage.

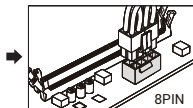
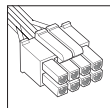
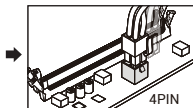
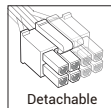
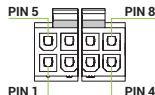


Pin	Signal	Pin	Signal
1	+3.3 VDC	13	+3.3 VDC
2	+3.3 VDC	14	-12 VDC
3	COM	15	COM
4	+5 VDC	16	PS_ON
5	COM	17	COM
6	+5 VDC	18	COM
7	COM	19	COM
8	PWR OK	20	Reserved N/C
9	+5 VSB	21	+5 VDC
10	+12 VDC	22	+5 VDC
11	+12 VDC	23	+5 VDC
12	+3.3 VDC	24	COM

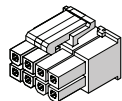


3 ATX12V [4+4] / EPS12V 8-pin [8]

Connect ATX12V (CPU power) 4-pin or 8-pin (by 4+4-pin) to the motherboard.



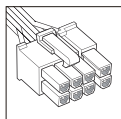
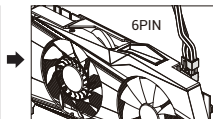
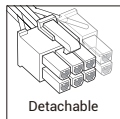
Pin	Signal	Pin	Signal
1	COM	5	+12 VDC
2	COM	6	+12 VDC
3	COM	7	+12 VDC
4	COM	8	+12 VDC



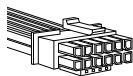
4 PCI-E 8-pin [6+2]

Connect PCIe 6-pin or 8-pin (by 6+2-pin) to graphics card.

Note: Do not connect the PCIe 6+2-pin connector to the ATX12V 8-pin connector. Incorrect connection may cause irreversible damage.

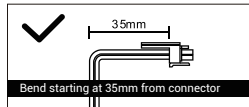
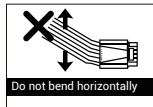
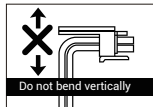


Pin	Signal	Pin	Signal
1	+12 VDC	5	COM
2	+12 VDC	6	COM
3	+12 VDC	7	COM
4	+12 VDC	8	COM



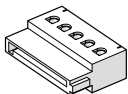
5 12V 2x6

Connect 12V-2x6 (PCIe 5.1) to graphics card



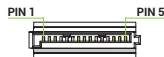
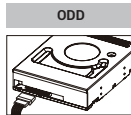
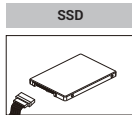
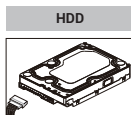
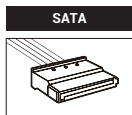
TIPS: Reserve a distance of 35mm for 12V-2x6 cables and install the correct bending method during cable management !

Pin	Signal	Pin	Signal
1	+12 VDC	7	GND
2	+12 VDC	8	GND
3	+12 VDC	9	GND
4	+12 VDC	10	GND
5	+12 VDC	11	GND
6	+12 VDC	12	GND

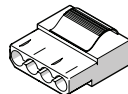


6 SATA

Connect SATA connector to devices, i.e. HDD/SSD/ODD.

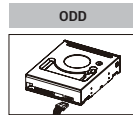
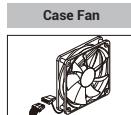
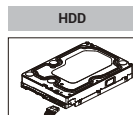
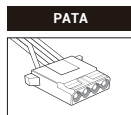


Pin	Signal
1	+3.3 VDC
2	COM
3	+5 VDC
4	COM
5	+12 VDC



7 PATA

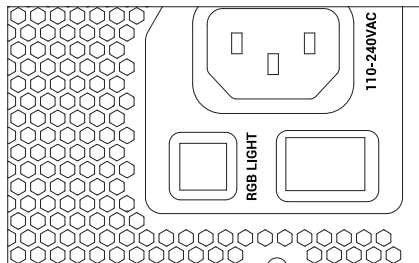
Connect Molex 4-pin connector to devices, i.e. HDD/ODD/ case fan.



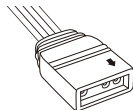
Pin	Signal
1	+12 VDC
2	COM
3	COM
4	+5 VDC

8 Manual RGB Switch

Manual RGB Switch, turn off the light by pressing 3 seconds, has memory function to keep the last mode.

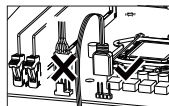


9 5V 3Pin ARGB Port

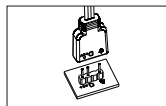


SYNC: Connect 5V 3Pin ARGB connector to Motherboard 5V 3pin ADD Header or HUB ARGB SYNC Header.

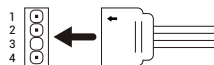
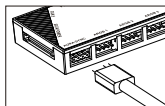
Motherboard



ADD Header



HUB ARGB SYNC Header



PIN	1	2	3	4
Signal	+5V	Data	No Pin	Ground

Modular Cable Configuration

Moular-Kabelkonfiguration / Configuração do cabo Moular / Configuration du câble modulaire / Конфигурация кабеля Moular / モールケーブル構成
/ 模組化電纜配置 / 模块化电缆配置



English

Warning: This PSU is modular version, to be use original GameMax modular cables, Avoid incompatibility and damage devices of PC system!

Deutsch

Warnung: Diese PSU ist eine modulare Version, um Original -modulare Gamemax -Kabel zu verwenden, Inkompatibilität zu vermeiden und Schäden Sie Geräte des PC-Systems!

Português

Atenção: Esta PSU é uma versão modular, para usar cabos modulares GameMax originais, evitar incompatibilidade e Danos Dispositivos do sistema PC!

Français

Avertissement : Ce psu est une version modulaire, pour utiliser des câbles modulaires GameMax originaux, éviter l'incompatibilité et Dommages dispositifs du système PC!

Русский

Предупреждение: Этот блок питания является модульной версией, чтобы использовать оригинальные модульные кабели GameMax, избежать несовместимости и Устройства для компьютерной системы!

日本語

警告: この **PSU** はモジュラー バージョンです。オリジナルの **GameMax** モジュラー ケーブルを使用してください。非互換性を回避し、**PC** システムのデバイスを損傷します。

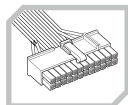
繁體中文

警告: 此電源供應器是全模組版本, 請使用GameMax原廠模組電纜, 使用其它品牌的電纜可能會造成不相容和損壞PC!

简体中文

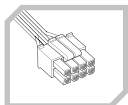
警告: 此款电源是全模组版本, 请使用GameMax原装模组线, 使用其它品牌的线材可能会造成不兼容和损坏PC!

RGB PRO 1300P / RGB PRO 1050G CABLE OVERVIEW



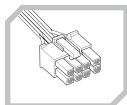
24(20+4)Pin
Mainboard Connector

x1



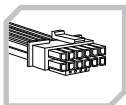
8(4+4)Pin
CPU Connector

x2



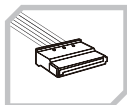
8(6+2)Pin
PCI-E Connector

x4



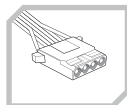
16(12+4)Pin
PCI-E 5.1 Connector

x1



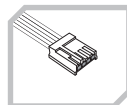
SATA
Connector

x10



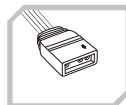
4Pin Peripheral
Connector

x3



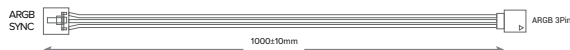
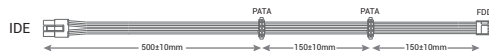
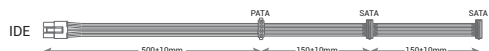
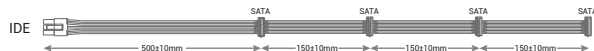
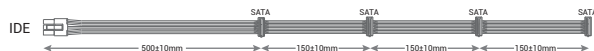
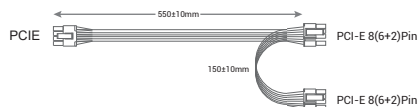
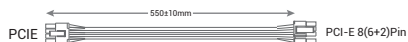
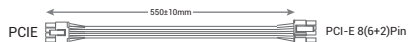
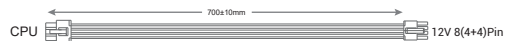
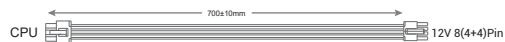
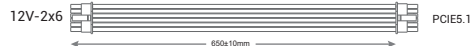
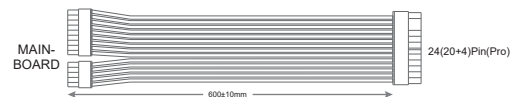
FDD
Connector

x1

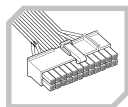


ARGB SYNC
Connector

x1

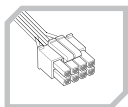


RGB PRO 850G / RGB PRO 750G CABLE OVERVIEW



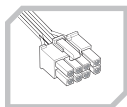
24(20+4)Pin
Mainboard Connector

x1



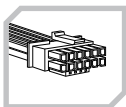
8(4+4)Pin
CPU Connector

x2



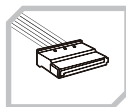
8(6+2)Pin
PCI-E Connector

x3



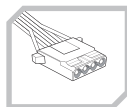
16(12+4)Pin
PCI-E 5.1 Connector

x1



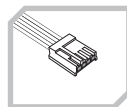
SATA
Connector

x8



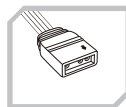
4Pin Peripheral
Connector

x3



FDD
Connector

x1



ARGB SYNC
Connector

x1

