

px/px+ hardware guide

#createtogether

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Welcome

Your new disguise server is just minutes away from being setup and ready to go. Please read the instructions in this hardware guide carefully in order to understand how to work with your machine.

You can also refer to the online guides at help.disguise.one

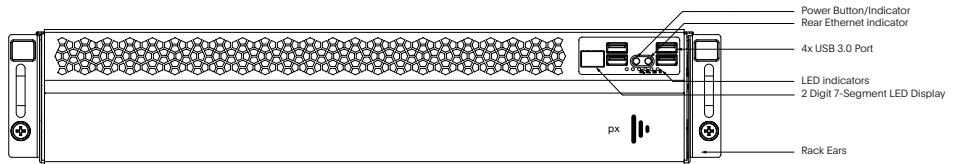
The px and px+ are engineered to power Unreal Engine vanilla graphics. They are built with high-performance render hardware that work seamlessly with Porta. The px and px+ provide you with the assurance of best-in-class support and maintenance from disguise. High-performance machines, customised for UE vanilla graphics, the px and px+ can be used for any graphics application in a broadcaster's production facility. The ideal solution for graphics and video components, including AR, CG graphics, green screen virtual sets, MCR graphics and more.

We put great care and effort into the development and manufacture of our products. Please contact your Sales team or the Support team if you experience any issues with this product. Contact details can be found at the end of this booklet.

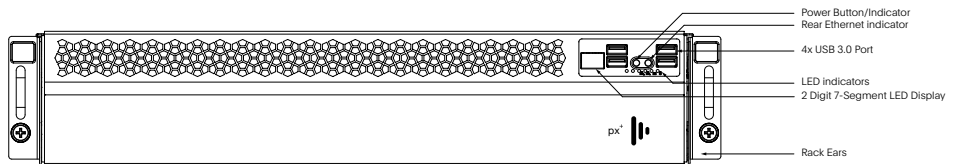
If you have any questions or feedback for us, we'd be happy to hear from you.

The team at disguise

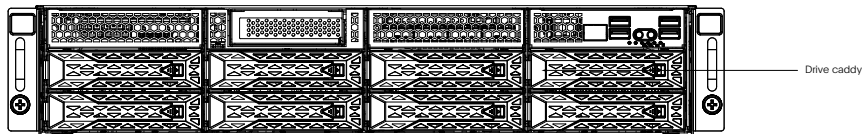
px/px+ Front panel



To remove the cover of the px panel undo the screws on both ears and pull out the cover of the server.

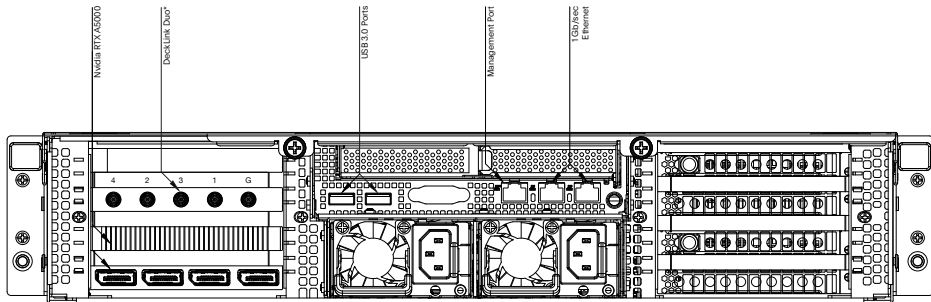


To remove the cover of the px+ panel undo the screws on both ears and pull out the cover of the server.



Each px/px+ comes with one Hard Drive in the slot shown above (top-right).

px Rear panel

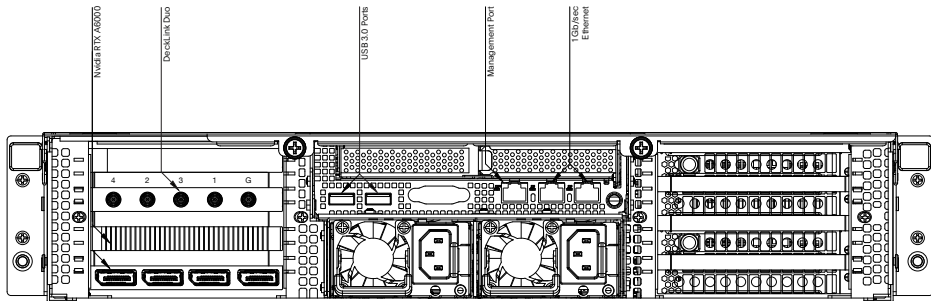


The px comes with Nvidia RTX A5000.

* The px does not include video capture as standard. This can be purchased as an optional upgrade.

** For capture, please use only 75ohm HD-BNC Cables or adapters.

px+ Rear panel



The px+ comes with Nvidia RTX 6000 and BlackMagic DeckLink Duo.

** For capture, please use only 75ohm HD-BNC Cables or adapters.

Powering your server

The px and px+ utilises IEC C14 or IEC C20 as its power input.

To power the server you should use a cable with the following attributes:

- H05VV-F 3G, 0.75mm², 300V-500V, max. 70°C
- One end terminated with NEMA 5-15P/BS 1363/CEE 7/7 plug
- Other end terminated with appliance coupler type IEC C13/IEC C19.



General Information

Should you have questions or experience issues with this product, contact disguise Technologies Support team for assistance. Only certified technicians should attempt to repair or configure components, please contact your sales manager to arrange this or contact one of our support team through the contact page in this booklet.

For replacement parts or possible changes to the configuration, please contact your sales manager to arrange this or contact one of our support team through the contact page in this booklet.

Ultimate disposal of this product should be handled according to all regional and national laws and regulations.

Power consumption:

The px/px+ power system automatically combines the two power supply modules as a single one. The combined output power varies with input voltages. Please, refer to the table below for details (following different configuration by region):

1600W

AC-Input	Max. Output Power per PSU
100-127V, 13A, 50/60Hz 100-127V, 12.9A, 47/63Hz	1000W
200-240V, 9.5A, 50/60HZ 200-240V, 9.5A, 47/63Hz	1600W

2200W

AC-Input	Max. Output Power per PSU
100-127V, 14A, 47/63Hz	1200W
200-240V, 12.6A, 47/63Hz	2200W

Always use PSUs with the same watt and power rating. Combining PSUs with different wattage (e.g. $1 \times 1600\text{ W} + 1 \times 2200\text{ W}$) may cause potential damage to your system.

For a steady power input, use only the power cables that come with the server system package.

To enable the redundant mode, keep the total power consumption of the system under the maximum output power of an individual power supply module.

Technical details and specifications can be found at: disguise.one/products

This product contains components compliant with various International standards of manufacture, for full information please contact one of our support team through the contact page in this booklet.

Compliance

The manual and compliance are in reference to disguise products:

- px (d-141005)
- px+ (d-141006)

WARNING - To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Apparatus with Class I construction shall be connected to a mains socket outlet with a protective earthing connection.

CAUTION - The servicing instructions found within this guide are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained within this manual unless you are qualified to do so.

This manual contains contains symbols to remind the user to ensure a safe working practice and environment. To ensure the safe operation/maintenance of this product, the instructions within the guide should be strictly adhered to.



Caution, risk of electric shock



Warning, refer to accompanying documents

The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Important Safety Instructions:

1. Read these Instructions.
2. Keep these Instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with manufacturers guidelines.
8. Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (inc. amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarised or grounding-type plug. A polarised plug has two blades, with one wider than the other. A grounding-type plug has two blades and a grounding prong. The wider blade/prong are included for your safety.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacle and the point of exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the card, stand, tripod, bracket or table specified by the manufacturer with the apparatus. When a cart is used, use caution during movement to avoid injury in case of the cart/apparatus falling.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as (but not limited to) the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Support

Helpful contacts

Support Team

support@disguise.one

Training Team

training@disguise.one

Sales Team

sales@disguise.one

Helpful links

User Guide

help.disguise.one

Trial

disguise.one/en/get-disguise/get-trial

Software Updates

disguise.one/download-disguise

Additional Designer licenses

store.disguise.one