



**WELCOME
TO EXCEPTIONAL
PERFORMANCE.**



FOR AMD RADEON™ PRO W6000 SERIES GRAPHICS CARDS
Professional Graphics for Exceptional Performance with Reliability, Stability and Software Certifications at its Core.

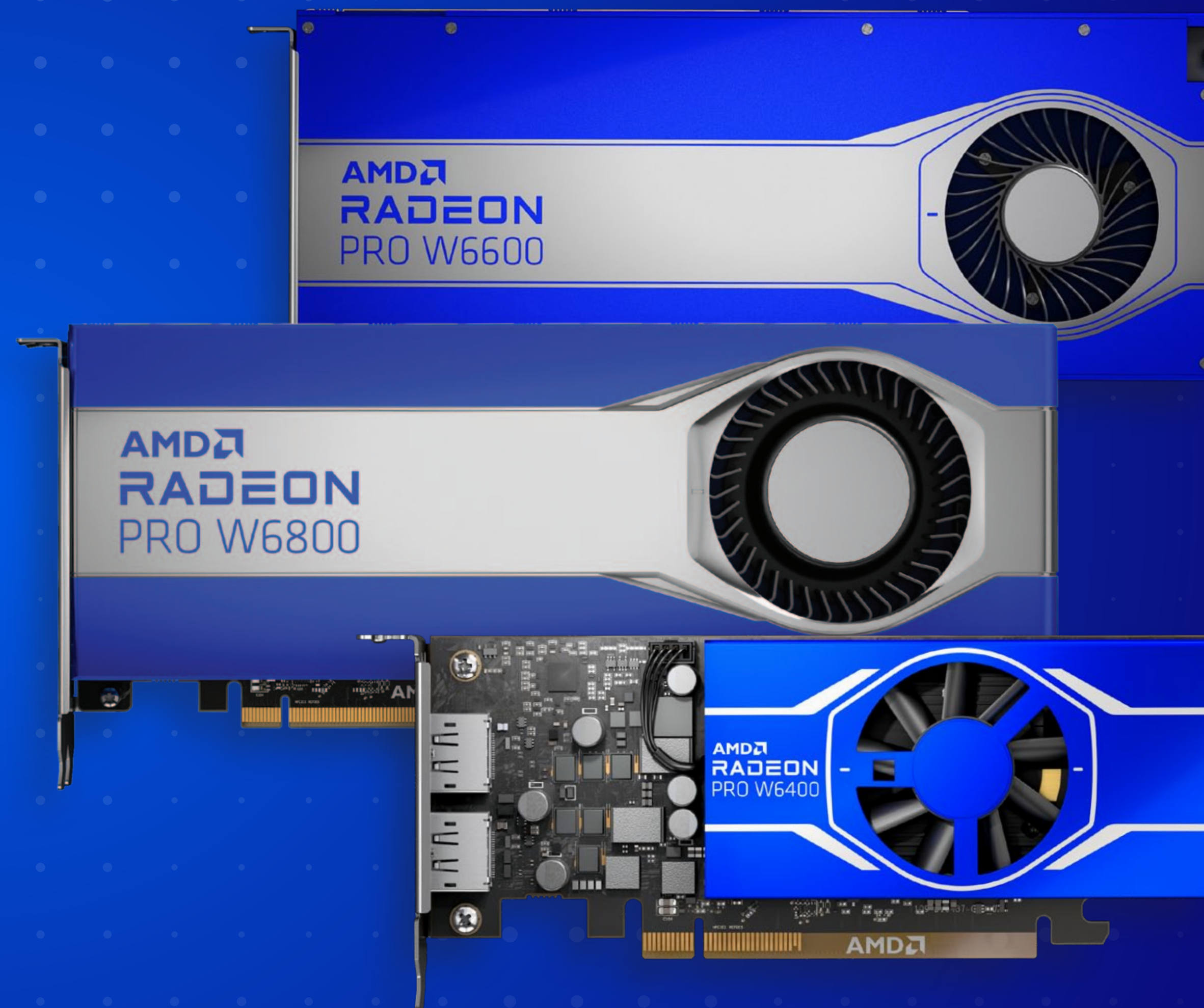


NAVIGATION TIP:
Use the icon to quickly jump
back to this page.



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Professional Graphics for Exceptional
Performance with Reliability, Stability and
Software Certifications at its Core.

QUICK SETUP GUIDE FOR USE WITH
AMD RADEON™ PRO W6000 SERIES GRAPHICS CARDS **2**



GETTING STARTED

Before You Begin...

Before you begin installing your new AMD Radeon™ PRO graphics card, visually inspect the card and any components that may have shipped with it, and contact your AMD reseller in the event of missing or damaged parts. Also make sure that you have the correct system requirements and have reviewed the preinstallation information outlined below.

System Requirements

The following are the minimum requirements for installation of AMD Radeon™ PRO W6000 series graphics cards. For additional processing power and graphics performance, multiple AMD Radeon™ PRO W6000 series graphics cards can be installed in the same system provided there are enough PCI-Express® slots available, and the system power supply has sufficient capacity.

These apply to both single-card and multi-card installations:

- PC with at least one PCI-Express® x16 graphics slot available on the motherboard.

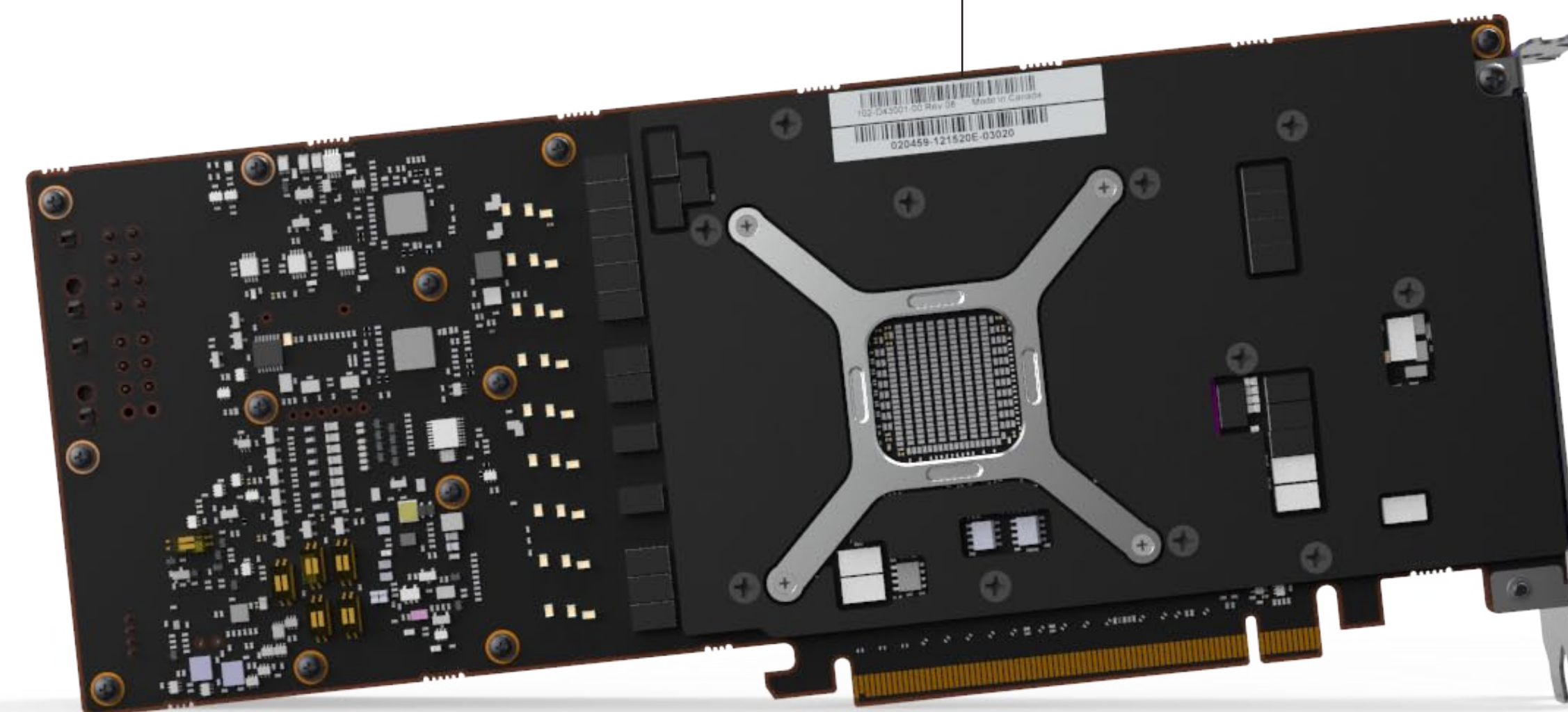
PRO TIP: For multi-card installations, it is recommended that there be enough room on the motherboard to provide at least one empty slot between graphics cards.

- **AMD RADEON™ PRO W6800** – Minimum 650W system power supply
- **AMD RADEON™ PRO W6600** – Minimum 350W system power supply
- **AMD RADEON™ PRO W6400** – Minimum 350W system power supply
- If unsure on the power supply requirements for multiple GPU configurations, please consult with AMD Customer Care. See Page 11 for details.
- Minimum of 16 GB of system memory, 32 GB is recommended
- Supported operating systems include Microsoft Windows® 10 or Windows® 11 and Linux®. (64-bit operating system is highly recommended).
- At least one display that is compatible with a DisplayPort™ connection is recommended.

Recording the Serial and Part Numbers

Write down the serial number and part number before installing your product. The serial number and part number on the product are required for registration and technical support. They are located on a sticker on the back of your AMD Radeon™ PRO W6000 series graphics card [Fig. 01].

Fig. 01
Serial Number & Part Number





IMPORTANT SAFETY INSTRUCTIONS

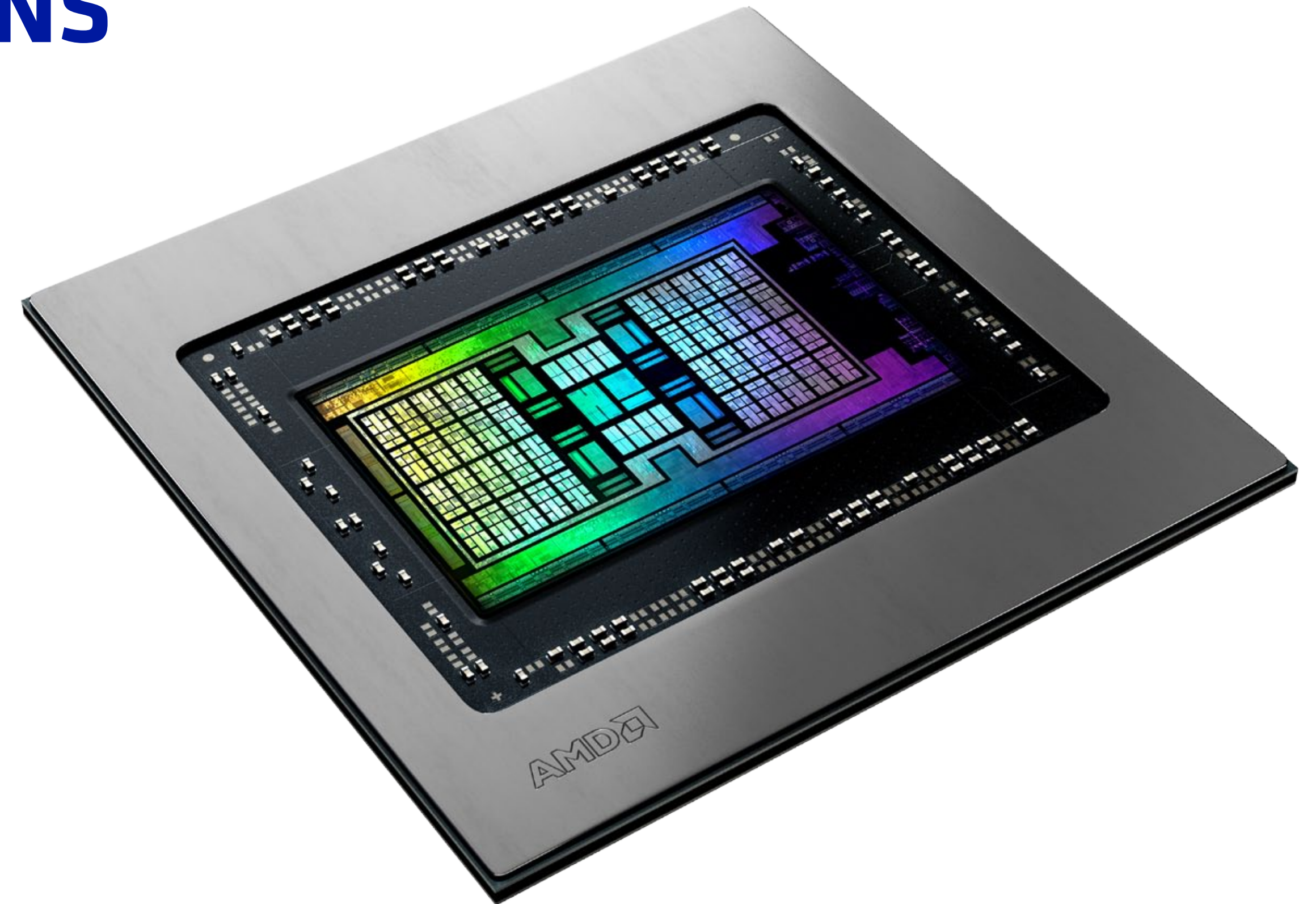
Installation and servicing of computer components, and creating customized computer mods can be hazardous. Only trained, qualified personnel should install, repair or service computer components or create customized mods. Please ensure that before working on computer components that the computer is unplugged and that all components have been fully discharged. Be sure to ground yourself before touching sensitive components which can be damaged by static discharge.

Failure to exercise appropriate caution can result in serious personal injury and/or damage to computer components.

CAUTION: This product is for use only with compatible UL-listed personal computers that have installation instructions detailing user installation of this class of product. Read all instructions before beginning installation. All safety and installation instructions should be read before the product is installed or operated. Retain all instructions. Safety, installation, and operating instructions should be retained for future reference. Heed all warnings. All warnings regarding the product and its operating instructions should be obeyed. Use appropriate grounding.

CAUTION: [Where applicable] For continued protection against the risk of electric shock and fire, install this accessory only in products equipped with a three-wire grounding plug, a plug having a third (grounding) pin. This is a safety feature. Do not remove the grounding pin of a three-pin plug.

Attach product securely. All product-securing screws or fasteners should be completely tightened in order to provide continuous bonding between the product and the PC chassis, as appropriate.





HARDWARE & SOFTWARE INSTALLATION

Installation Overview

Once you have determined that your system meets the recommended minimum requirements, perform the following tasks to install your new graphics card.

If replacing an existing graphics card, uninstall the old graphics driver and software before installing your new AMD Radeon™ PRO W6000 series graphics card.

PRO TIP: If you are using a motherboard containing an on-board graphics solution and do not intend to use it as part of a multiple monitor configuration, disable it.

Using an Optional Retention Bracket(s)

Your AMD Radeon™ PRO W6000 series graphics card may require a metal retention bracket(s). These are designed to improve mechanical stability of the graphics card when installed in desktop workstations.

To install an extender bracket, attach it to the rear end of the graphics card using the four included screws.

NOTE: A retention bracket should only be attached to the graphics card if the system chassis is designed to house retention brackets. Please contact AMD if you are unsure about whether a retention bracket should be used. (See AMD Customer Care on Page 11.)

Using the Unattached End Bracket. (AMD Radeon™ PRO W6400 GPU Only.)

The AMD Radeon™ PRO W6000 card is designed for flexibility and ease of mounting into your choice of a new or existing workstation. As workstations evolve and different form factors appear, the bracket to secure the GPU needs to change too. To support this we include two helpful bracket options in the box. One for Small Form Factor (SFF) systems, the other for standard workstation chassis. Should the fitted option not be correct for the system, then follow the below steps to swop the end bracket over. Changing it is super-simple, quick and convenient.

Once you have determined the preferred size of end bracket and decided it needs replacing:

1. Remove the two retention screws shown in Fig. 02, (being careful to keep them safe for reuse later in this simple process)
2. Carefully remove the existing end bracket and store within the original packaging.
3. Replace the end bracket.
4. Resecure the two retention screws back into their original fixing holes, being sure to not overtighten.



Option 01: Short bracket for Small Form Factor (SFF) systems.



Option 02: Standard bracket for typical systems.

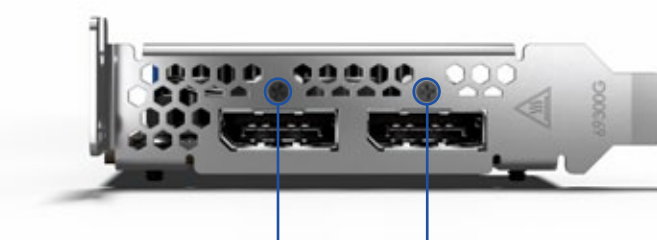


Fig. 02 Location of the 2x bracket fixing screws.



HARDWARE & SOFTWARE INSTALLATION

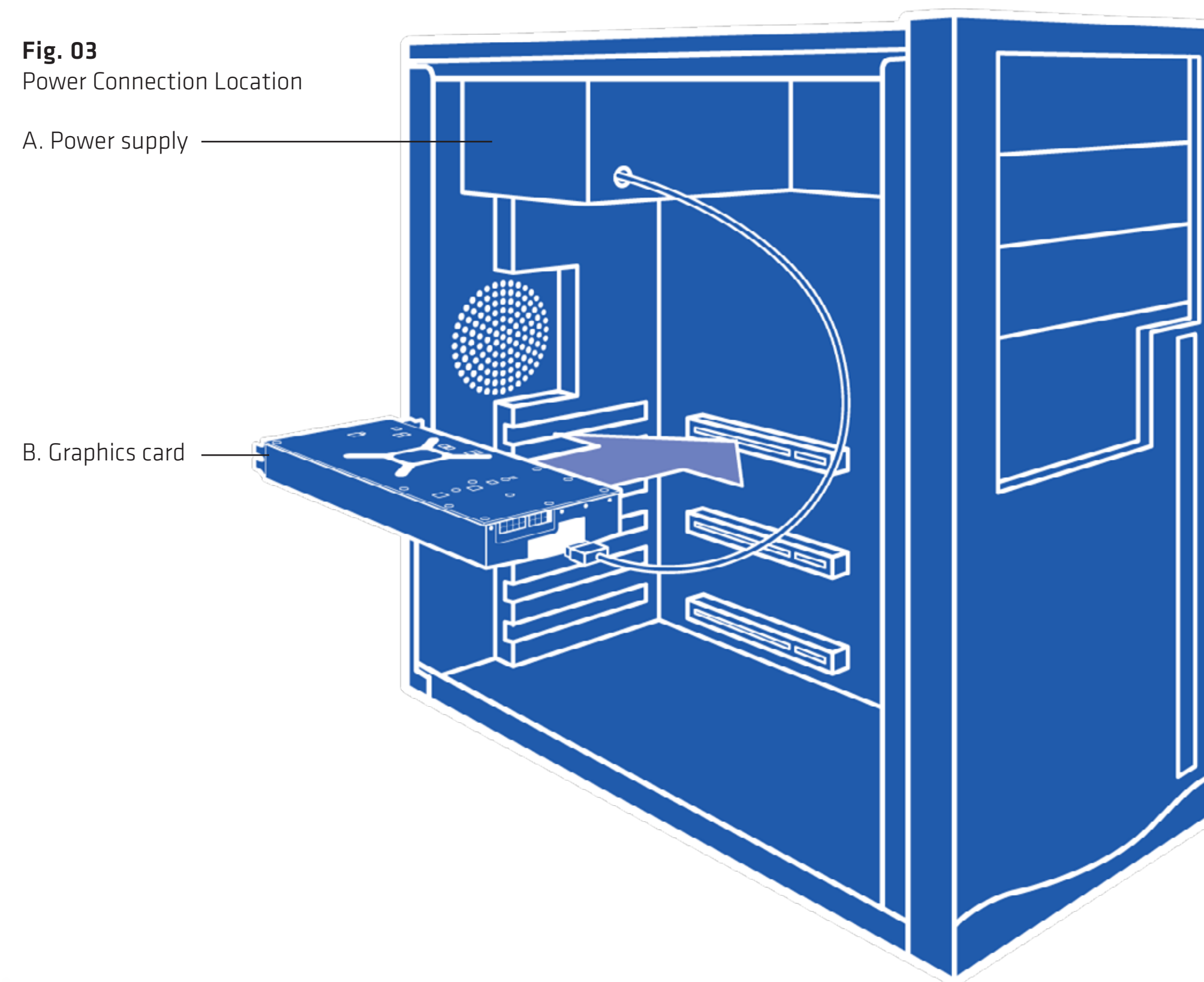
Installing the Graphics Card

CAUTION: Wait approximately 20 seconds after unplugging the power cord before disconnecting a peripheral cable or removing a component from the motherboard to avoid possible damage to the motherboard.

Detailed installation instructions are provided on the following page.

1. Turn off and disconnect your computer system from power.
2. If needed, remove any existing graphics card(s).
3. Install the new AMD Radeon™ PRO W6000 series graphics card.
4. Reassemble and connect your computer system and display(s).
5. Start the computer system, install the AMD drivers and configuration software.
6. Restart the computer system.

Fig. 03
Power Connection Location






HARDWARE & SOFTWARE INSTALLATION

10 Easy Steps to Installing the Graphics Card

1. Turn off the computer, and disconnect its power cable.
2. Remove the cover to the computer's case.


 **PRO TIP:** If necessary, consult the computer manual for help in removing the cover.

3. Unscrew or unfasten and remove any existing graphics card from the computer.
4. Locate the appropriate PCI-Express® x16 slot and, if necessary, remove the corresponding metal backplate cover(s). Make sure all internal cables are clear of the slot.


 **CAUTION:** Static electricity can seriously damage computer components. Discharge your body's static electricity by touching the power supply or the metal surface of the computer chassis before you touch any components inside the computer's case to avoid damaging them.

5. Align your new AMD Radeon™ PRO W6000 series graphics card with the slot and press it in firmly until the card is fully seated.

6. If your card requires auxiliary power and must be connected directly to the power supply, locate the appropriate power connector cable(s) from the power supply and connect it (or them) to the graphics card's auxiliary power connector(s).

 **PRO TIP:** If applicable, before installing a card that requires a supplementary power connection, make power connection, make sure your existing power supply has such a connection available.

7. Fasten the graphics card securely to the back panel using the bracket.
8. Reconnect any cables you may have disconnected during installation, and make sure no internal cables are interfering with components inside the computer (for example, a cooling fan).
9. Replace the computer cover and make and then plug in the computer's power cable. Turn on the computer. If you have correctly installed the graphics card, then the computer should start normally.
10. Proceed to install the software and drivers for your AMD Radeon™ PRO W6000 series graphics card. Restart the computer system. The latest drivers are available from AMD's website at support.amd.com.

 **PRO TIP:** If you are using a motherboard containing an on-board graphics solution and do not intend to use it as part of a multiple monitor configuration, disable it. Typically this is achieved by right-clicking the listed display adapter within the 'Device Manager' and selecting 'Disable'. If unsure consult your motherboard manufacturers customer care or your IT partner.



HARDWARE & SOFTWARE INSTALLATION

Radeon™ PRO Drivers and Software

Drivers are small but important programs that enable an operating system to communicate with a piece of hardware, such as a graphics card. When you install a new graphics card, you must also install the appropriate driver, in this case the AMD Radeon™ PRO W6000 series driver and configuration software for your card to take full advantage of the capabilities of your GPU. It is recommended to also reinstall AMD Radeon™ PRO W6000 series drivers each time you reinstall or upgrade your operating system.

🔗 The latest drivers are available from AMD's website at support.amd.com.

🔗 Read how to install Radeon™ PRO Software on a Windows® based system at: amd.com/en/support/kb/faq/pdh-install

🔗 Learn how to uninstall Radeon™ PRO Software from a Windows® based system at: amd.com/en/support/kb/faq/pdh-uninstall

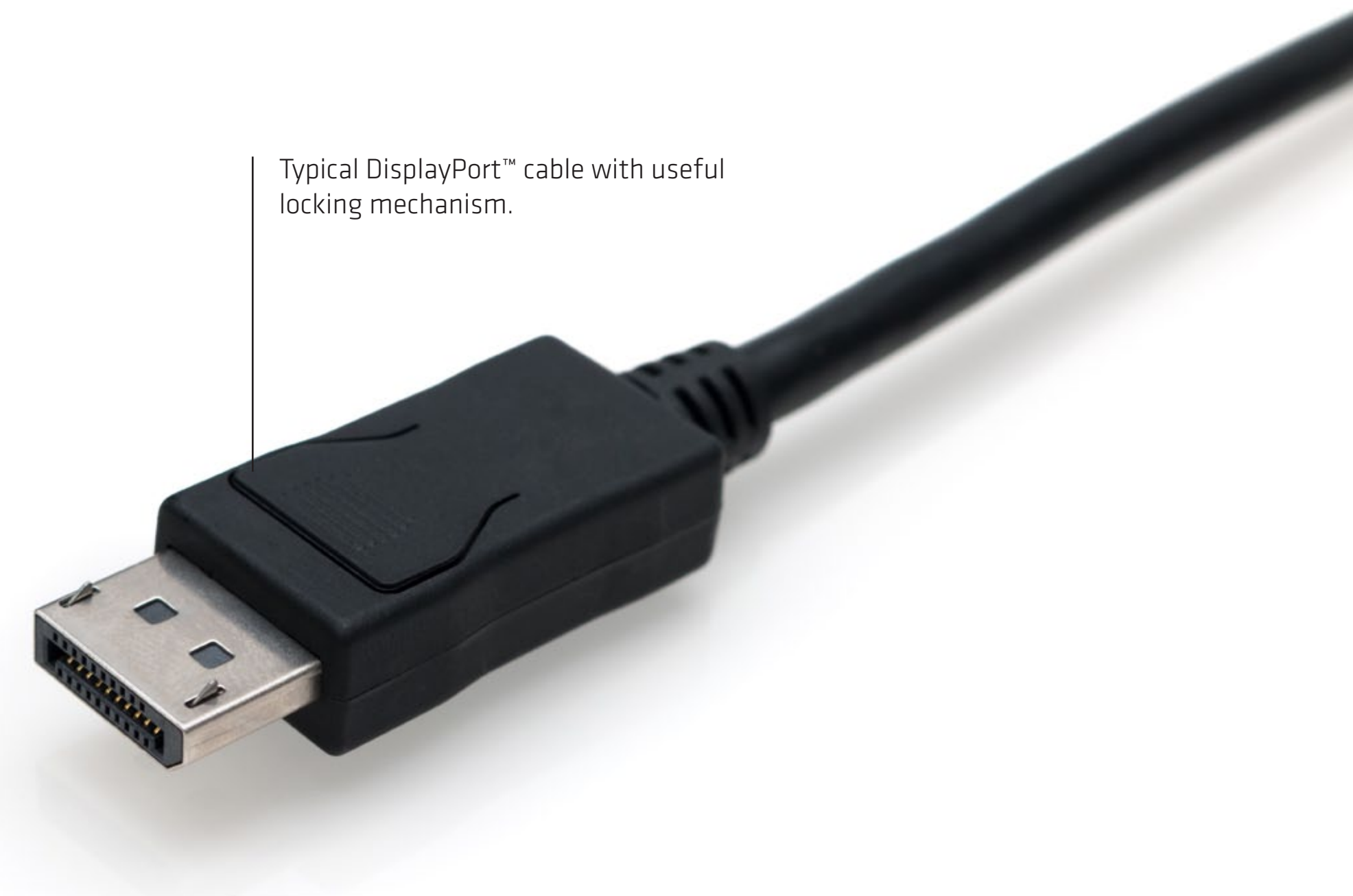
💡 PRO TIP: Uninstalling Radeon PRO Software prior to installing another graphics driver can help prevent potential file conflicts which may corrupt the installation of new drivers.

Display Output Adapters

Adapters and dongles can be used to connect displays that are not directly supported by the connection types available on your graphics card.

Adapters/dongles that are not provided with your graphics cards can be purchased from your local AMD resellers. When connecting displays to a DisplayPort™ connection, the type of adapter and display that you use may determine the number of displays that can be used with your graphics card.

- An active adapter allows a non-DisplayPort™ display to be connected to a DisplayPort™ connection using native DisplayPort™ signals.
- A passive adapter also allows a non-DisplayPort™ display to be connected to a DisplayPort™ connection but using non-DisplayPort™ signals.
- Transmission of audio and video information between variants of the same connection type (for example, Mini DisplayPort™ to standard DisplayPort™ and vice versa) are considered to be native connections. More information on the number and type of displays that can be supported by your graphics card is provided in the following sections.



Typical DisplayPort™ cable with useful locking mechanism.

💡 PRO TIP: For optimum display results, always use a quality display cable.



DISPLAY CONFIGURATIONS

Connecting Displays

The AMD Radeon™ PRO W6000 series graphics card provides support for up to 8K Ultra High-Definition (UHD) resolutions via its DisplayPort™ connections [Fig. 04]. Depending on the model of the graphics card, up to six displays can be simultaneously supported via the onboard DisplayPort™ connections. Non-DisplayPort™ devices may be connected using adapter cables.

PRO TIP: For best graphics performance and quality, always use native (or active) connections when possible.

Graphics Card	Display Support: (@60Hz with HDR Enabled.)
AMD Radeon™ PRO W6800 GPU	2x at 8K (7680x4320px). 6x at 4K (3840x2160px)
AMD Radeon™ PRO W6600 GPU	1x at 8K (7680x4320px). 4x at 4K (3840x2160px)
AMD Radeon™ PRO W6400 GPU	1x at 8K (7680x4320px). 2x at 4K (3840x2160px)

Fig. 04 Mini-DisplayPort™ and Full Size DisplayPort™ Connections:



AMD Radeon™ PRO W6800 GPU



AMD Radeon™ PRO W6600 GPU



AMD Radeon™ PRO W6400 GPU
(with short endplate shown.)



DISPLAY CONFIGURATIONS

The following table lists options for attaching displays to your graphics card:

Display Configuration	Connection Options
CRT (VGA) display	DisplayPort™ connection with DisplayPort™-to-VGA adapter
DFP (digital flat-panel) display	DisplayPort™ connection with DisplayPort™ cable DisplayPort™ connection with DisplayPort™-to-DVI adapter
HDMI™	DisplayPort™ connection with DisplayPort™-to-HDMI adapter

PRO TIP: The previous generation GPU limitation of up to three (3) passive adapter cables, and the resultant need for active cables, no longer applies to the Radeon PRO W6000 GPU series. You can now use more than 3 passive adapter cables.

Display connector types:



Mini DisplayPort™



DisplayPort™



DVI-D



VGA

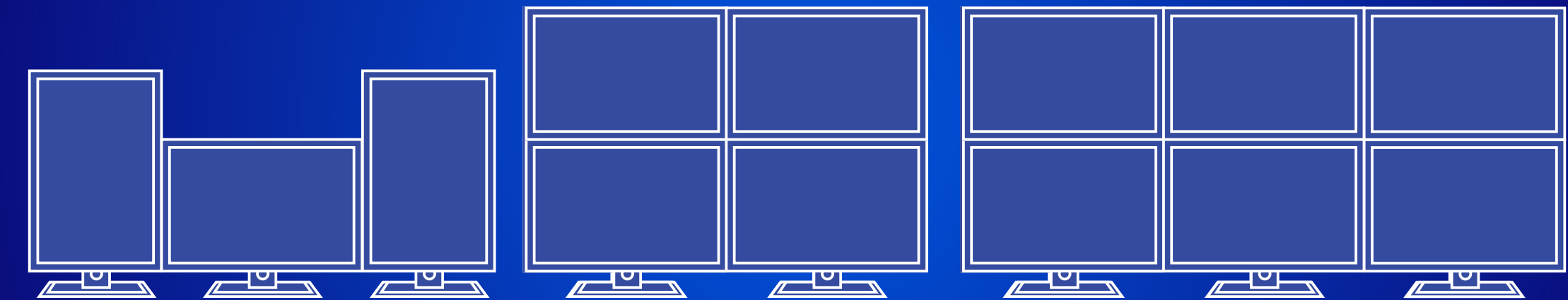


HDMI™



USB Type-C™

Typical multidisplay configurations for single-user workstation:





NEED ADDITIONAL HELP?

AMD Customer Care

AMD Customer Care for Graphics Products will work to resolve your issue and help you to get your product up and running. If your issue is not resolved, our technicians will determine whether the difficulty you are experiencing is the result of the product, whether your product contains a defect, and whether your product is under warranty.

For additional product support, please visit amd.com/support for technical troubleshooting guides and AMD Customer Care contact information.

You can also use this online form to submit a service request, please visit amd.com/en/support/contact-email-form

- AMD Customer Care is unable to assist with refunds, returns, or exchange specific inquiries. If resolving the problem being experienced is critical to your decision to keep the product, it is your responsibility to ensure that you know and are within the period of time your reseller will allow for refunds, returns, or exchange.
- AMD is not responsible for any expense incurred accessing Customer Care. It is expected that customers will review the expense associated with the available support options and will choose the method that best meets their needs and budget.
- AMD Customer Care reserves the right to limit support options for products that are not registered or are reaching end of life.

Contact Support by Phone 24/7

Canada	Tel: 866-284-2093 (Toll Free – English only)
China	Tel: 400-120-3037 (Chinese Mon-Fri 9:30-17:00 BJT. English on off-hours.)
France	Tel: 0800-914847 Intl Tel: +442080685178 (French Mon-Fri 11:00 – 18:00 CET. English on off-hours.)
Germany	Tel: 0800-182-5841 Intl Tel: +493056795870 (German Mon-Fri 11:00 – 18 CET. English on off-hours)
India	Tel: 000-800-919-0272 (English 24/7)
Japan	Tel: 0800-222-0553 (Japanese Mon-Fri 9:30 – 18:00 JST. English on off-hours.)
United Kingdom	Tel: 0-800-086-9034 Int Tel: +442080685178 (English 24/7)
United States	Tel: 866-284-2093 (Toll Free – English only)

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COMPLIANCE INFORMATION

FCC Compliance Information (USA)

Class B

This product complies with FCC Rules Part 15. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 15, Subpart B, Class B

For further compliance information:

Advanced Micro Devices, Inc.
ATTN: General Counsel
P.O. Box 3453
Sunnyvale, CA 94088-3453
USA Tel: 408-749-4000

ISED Compliance Information (Canada)

Class B

This Class B digital apparatus complies with Canadian ICES-003: CAN ICES-3(B)/NMB-3(B).
Cet appareil numérique de la Classe A est conforme à la norme CAN ICES-3(B)/NMB-3(B) du Canada.

UKCA Compliance Information (European Union)



Class B

This device complies with the following Directives:

- S.I. 2016/1091: Electromagnetic Compatibility Regulations 2016
- S.I. 2016/1101: Electrical Equipment (Safety) Regulations 2016
- S.I. 2012/3032: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Single Point of Contact:

Attention: Sales, Advanced Micro Devices (U.K.), Ltd.
Regus - Midsummer Court, 314 Midsummer Boulevard
Milton Keynes, MK9 2UB, U.K.

CE Compliance Information (European Union)



Class B

This device complies with the following Directives:

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- RoHS Directive 2011/65/EU

Single Point of Contact:

Attention: Sales, AMD GmbH,
Einsteinring 24, 85609 Aschheim-Dornach, Germany.

Electrical Safety



- Underwriters Laboratories (UL): UL 62368-1
- Canada: CSA C22.2 No. 62368-1-14
- European Union (EU): EN 62368-1
- International: IEC 62368-1

A copy of the Declaration of Conformity (DoC) to essential requirements may be obtained from: Attention: Sales, AMD GmbH, Einsteinring 24, 85609 Aschheim-Dornach - Germany

VCCI ITE Compliance Information (Japan)



Class B

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KC Compliance Information (Korea)



Class B

BSMI Compliance Information (Taiwan)



Class B

Morocco Compliance Information



Moroccan Regulatory Framework (CMIM)

RCM Compliance Information (Australia and New Zealand)



This device complies with the requirements of the relevant Australian Communications and Media Authority (ACMA) Standards made under the Radiocommunications Act 1992 and the Telecommunications Act 1997.

Product Environmental Compliance



This product may carry a marking similar to those below that indicates its level of compliance with China RoHS standards.



For information on China RoHS, EU RoHS, or EU REACH compliance, please refer to Product Environmental Compliance on the AMD Web site.

Waste Electrical and Electronic Equipment (WEEE) Directive Compliance (European Union)



This product was manufactured by Advanced Micro Devices, Inc.



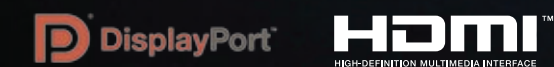
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