

# HP DisplayPort configuration



The tables below can help you choose the correct DisplayPort cables and adapters required for your specific DisplayPort-capable graphics cards and monitor configuration.

Single display configuration with HP high-performance displays <sup>1</sup>						
	HP LP2480zx	HP LP3065	HP LP2475w	HP LP2275w	HP ZR22w	HP ZR24w
<b>NVIDIA 2D graphics cards*</b> <b>Intel® HD Graphics with integrated DisplayPort</b>	DisplayPort cable	DVI-D Dual-link cable, DisplayPort to DVI-D Dual-link adapter <sup>4</sup>	DisplayPort cable	DisplayPort cable	DisplayPort cable	DisplayPort cable
<b>NVIDIA and ATI 3D graphics cards*</b>	DisplayPort cable <sup>2</sup>	DVI-D Dual-link cable	DisplayPort cable <sup>2</sup>	DisplayPort cable <sup>2</sup>	DisplayPort cable <sup>2</sup>	DisplayPort cable <sup>2</sup>

Single display configuration with all monitors					
	DisplayPort monitor input	DVI monitor input	DVI-D Dual-link monitor input	VGA monitor input	HDMI monitor input
<b>NVIDIA 2D graphics cards*</b> <b>Intel® HD Graphics with integrated DisplayPort</b>	DisplayPort cable	DVI cable, DisplayPort to DVI-D adapter <sup>3</sup>	DVI-D Dual-link cable, DisplayPort to DVI-D Dual-link adapter <sup>4</sup>	VGA cable, DisplayPort to VGA adapter <sup>5</sup>	DisplayPort to HDMI adapter <sup>6</sup>
<b>NVIDIA and ATI 3D graphics cards*</b>	DisplayPort cable	DVI cable	DVI-D Dual-link cable	DVI to VGA cable	DisplayPort to HDMI adapter <sup>6</sup>

Each graphics card can support a maximum of two displays, except for the NVIDIA Quadro NVS 450 which supports four. If your system has multiple graphics cards, use this table to configure the monitors for each card separately.

Dual-Display configuration						
	DVI + DVI monitor inputs	VGA + VGA monitor inputs	DisplayPort + DisplayPort monitor inputs	DVI + VGA monitor inputs	DVI + DisplayPort monitor inputs	VGA + DisplayPort monitor inputs
<b>NVIDIA 2D graphics cards*</b>	2x DVI cable, 2x DisplayPort to DVI-D adapter <sup>3</sup>	2x VGA cable 2x DisplayPort to VGA adapter <sup>5</sup>	2x DisplayPort cable	DVI cable, VGA cable DisplayPort to DVI-D adapter <sup>3</sup> , DisplayPort to VGA adapter <sup>5</sup>	DisplayPort cable, DVI cable, DisplayPort to DVI-D adapter <sup>3</sup>	DisplayPort cable, VGA cable, DisplayPort to VGA adapter <sup>5</sup>
<b>ATI FirePro V7700*</b>	2x DVI cable, DisplayPort to DVI-D adapter <sup>3</sup>	VGA cable, DVI to VGA cable, DisplayPort to VGA adapter <sup>5</sup>	Not available	DVI cable, VGA cable, DisplayPort to DVI-D adapter <sup>3</sup>	DisplayPort cable, DVI cable	DisplayPort cable, DVI to VGA cable
<b>NVIDIA Quadro FX 5800*</b>	2x DVI cable	2x DVI to VGA cable	Not available	DVI cable, DVI to VGA cable	DisplayPort cable, DVI cable	DisplayPort cable, DVI to VGA cable
<b>NVIDIA and ATI 3D graphics cards*</b>	2x DVI cable, DisplayPort to DVI-D adapter <sup>3</sup>	VGA cable, DVI to VGA cable, DisplayPort to VGA adapter <sup>5</sup>	2x DisplayPort cable	DVI cable, VGA cable, DisplayPort to DVI-D adapter <sup>3</sup>	DisplayPort cable, DVI cable	DisplayPort cable, DVI to VGA cable

\* **2D graphics cards:** NVIDIA Quadro NVS 295, NVIDIA Quadro NVS450. **Entry 3D graphics cards:** NVIDIA Quadro FX 380, NVIDIA Quadro FX 380 Low-Profile, ATI FirePro V3700, ATI FirePro V3800, NVIDIA Quadro FX 580, ATI FirePro V4800. **Mid-range 3D graphics cards:** NVIDIA Quadro FX 1800, ATI FirePro V5700, ATI FirePro V5800. **High-end 3D graphics cards:** ATI FirePro V7750, NVIDIA Quadro FX 3800, ATI FirePro V8800, NVIDIA Quadro FX 4800. **Ultra high-end 3D graphics cards:** NVIDIA Quadro FX 5800. Note that the NVIDIA Quadro FX 5800 and ATI FirePro V7750 are sometimes listed separately due to having different outputs available.

- 1 DisplayPort, DVI, VGA, and DVI to VGA cables are shipped with monitors as appropriate in all cases, or can be purchased separately if needed.
- 2 A DVI cable may be used instead without any loss in functionality.
- 3 This adapter is provided with a DisplayPort capable graphics card or can be purchased separately. HP product number FH973AA.
- 4 This adapter must be purchased separately. HP product number NR078AA.
- 5 This adapter must be purchased separately. HP product number AS615AA.
- 6 This adapter must be purchased separately. HP product number BP937AA.