

DisplayPort Overview and Benefits

Each table below lists the monitors or display inputs across the top and DisplayPort capable graphics cards along the left. Find the monitor and graphics card being used in your configuration to find the cables and adapters that will be needed to set up that particular configuration.

Single Display Configuration with HP Performance Displays¹

	HP DreamColor LP2480zx	HP LP3065	HP LP2475w	HP LP2275w	HP LP2065	HP LP1965
NVIDIA 2D graphics cards*	DisplayPort cable	DVI-D Dual-link cable DisplayPort to DVI-D Dual-link adapter ⁴	DisplayPort cable	DisplayPort cable	DVI cable DisplayPort to DVI-D adapter ³	DVI cable DisplayPort to DVI-D adapter ³
NVIDIA and ATI 3D graphics cards*	DisplayPort cable ²	DVI-D Dual-link cable	DisplayPort cable ²	DisplayPort cable ²	DVI cable	DVI cable

Single Display Configuration with all monitors

	DisplayPort Monitor Input	DVI Monitor Input	DVI-D Dual Link Monitor Input	VGA Monitor Input
NVIDIA 2D Graphics Cards *	DisplayPort cable	DVI cable DisplayPort to DVI-D adapter ³	DVI-D Dual-link cable DisplayPort to DVI-D Dual-link adapter ⁴	VGA cable DisplayPort to VGA adapter ⁵
NVIDIA and ATI 3D graphics Cards*	DisplayPort cable	DVI cable	DVI-D Dual-link cable	DVI to VGA cable

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
NVIDIA 2D graphics Cards*	2x DVI cable 2x DisplayPort to DVI-D adapter ³	2x VGA cable 2x DisplayPort to VGA adapter ⁵	2x DisplayPort cable	DVI cable VGA cable DisplayPort to DVI-D adapter ³ DisplayPort to VGA adapter ⁵	DisplayPort cable DVI cable DisplayPort to DVI-D adapter ³	DisplayPort cable VGA cable DisplayPort to VGA adapter ⁵
ATI FirePro V7700*	2x DVI cable DisplayPort to DVI-D adapter ³	VGA cable DVI to VGA cable DisplayPort to VGA adapter ⁵	Not Available	DVI cable VGA cable DisplayPort to DVI-D adapter ³	DisplayPort cable DVI cable	DisplayPort cable DVI to VGA cable
NVIDIA Quadro FX 5800*	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
NVIDIA 3D graphics Cards*	2x DVI cable DisplayPort to DVI-D adapter ³	VGA cable DVI to VGA cable DisplayPort to VGA adapter ⁵	2x DisplayPort cable	DVI cable VGA cable DisplayPort to DVI-D adapter ³	DisplayPort cable DVI cable	DisplayPort cable DVI to VGA cable

Each graphics card can support a maximum of 2 displays, except for the NVIDIA Quadro NVS 450 which supports 4. If your system has multiple graphics card, use this table to configure the monitors for each card separately.

* NVIDIA 2D graphics cards: Quadro NVS 295, Quadro NVS450. NVIDIA 3D graphics cards: Quadro FX 1800, Quadro FX 3800, Quadro FX 580, Quadro FX 4800, Quadro FX 5800. ATI 3D Graphics cards: FirePro V7700, FirePro V5700, FirePro V7750. Note that the NVIDIA Quadro FX 5800 and ATI FirePro V7700 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.

