

BeTwin VS Host's and Stations' VGA Combination Tested

Notes:

1. For BeTwin VS to work correctly, Windows Vista Multi-Monitor feature needs to work correctly first
2. Please refer to <http://www.microsoft.com/whdc/device/display/multimonVista.mspx> regarding Windows Vista Multi-Monitor support requirements.

A. Windows Vista WDDM VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Supported	Windows Vista Multi-Monitor Support
ATi Radeon X700/X1800 PCI-Express	7.14.10.830 (Windows Vista built-in WDDM driver)	ATi Radeon X300 PCI-Express	7.14.10.830 (Windows Vista built-in WDDM driver)	Yes	Yes
ATi Radeon X300/X1800 PCI-Express	7.14.10.830 (Windows Vista built-in WDDM driver)	ATi Radeon X700 PCI-Express	7.14.10.830 (Windows Vista built-in WDDM driver)	Yes	Yes
ATi Radeon X300/X700/X1800 PCI-Express	ATi Windows Vista driver 8.31.100.321	ATi Radeon X1550 PCI/ PCI-Express (Vendor: HIS)	ATi Windows Vista driver 8.31.100.321	Yes	Yes
nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-Express	8.17.11.9562 (Windows Vista driver)	nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-Express	8.17.11.9562 (Windows Vista driver)	Yes	Yes
nVidia GeForce 660GT/7100GS PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	nVidia Quadro NVS280 PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	Yes	Yes
nVidia GeForce 7100GS/Quadro NVS280 PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	nVidia GeForce 660GT PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	Yes	Yes
nVidia GeForce 660GT/Quadro NVS280 PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	nVidia GeForce 7100GS PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	Yes	Yes
nVidia GeForce 660GT/7100GS/Quadro NVS280 PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver)	nVidia GeForce FX5200/Quadro NVS280 PCI	7.14.10.9686 (Windows Vista built-in WDDM driver)	Yes	Yes
nVidia GeForce FX5200 AGP	7.14.10.9686 (Windows Vista built-in WDDM driver)	nVidia GeForce FX5200/Quadro NVS280 PCI	7.14.10.9686 (Windows Vista built-in WDDM driver)	Yes	Yes
ATi Radeon X300/X700/X1800 PCI-Express or Radeon 9550 AGP	7.14.10.830 (Windows Vista built-in WDDM driver) or ATi Windows Vista driver	nVidia GeForce 660GT/Quadro NVS 280 PCI-Express or GeForce FX5200/Quadro NVS280 PCI	7.14.10.9686 (Windows Vista built-in WDDM driver) or nVidia Windows Vista driver	N.A.	No
nVidia GeForce 660GT/Quadro NVS 280 PCI-Express	7.14.10.9686 (Windows Vista built-in WDDM driver) or nVidia Windows Vista driver	ATi Radeon X300/X700/X1800 PCI-Express or Radeon X1550 PCI/ PCI-Express	7.14.10.830 (Windows Vista built-in WDDM driver) or ATi Windows Vista driver 8.31.100.321	N.A.	No

nVidia GeForce GTS250/GT240 PCI-Express	8.17.11.9562 (Windows Vista driver)	ATI Radeon HD 2600 PRO or Radeon X1550/X1650/X1800GTO/X700 PCI-Express	8.501.0.0 (Windows Vista driver)	N.A.	No
ATI Radeon HD 2600 PRO or Radeon X1650/X700 PCI-Express	8.501.0.0 (Windows Vista driver)	nVidia GeForce GTS250/GT240 PCI-Express	8.17.11.9562 (Windows Vista driver)	N.A.	No
ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows Vista driver 8.476.0.0	ATI Radeon X1550 PCI/ PCI-Express	ATI Windows Vista driver 8.476.0.0	Yes	Yes
ATI Radeon X1650 PCI-Express	ATI Windows Vista driver 8.476.0.0	ATI Radeon HD 2600 PRO PCI-Express	ATI Windows Vista driver 8.476.0.0	Yes	Yes
ATI Radeon HD 2600 PRO PCI-Express	ATI Windows Vista driver 8.476.0.0	ATI Radeon X1650 PCI-Express	ATI Windows Vista driver 8.476.0.0	Yes	Yes
nVidia GeForce 8600GT PCI-Express	nVidia Windows Vista driver 7.15.11.6925	nVidia GeForce 8600GT PCI-Express	nVidia Windows Vista driver 7.15.11.6925	Yes	Yes
ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows Vista driver 8.476.0.0	nVidia GeForce 8600GT PCI-Express	nVidia Windows Vista driver 7.15.11.6925	N.A.	No
nVidia GeForce 8600GT PCI-Express	nVidia Windows Vista driver 7.15.11.6925	ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows Vista driver 8.476.0.0	N.A.	No

B. Windows Vista XPDM (or XDDM) VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Supported	Windows Vista Multi-Monitor Support
ATI Radeon X300/X700 PCI-Express	ATI Windows XP driver 8.241.0.0	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No	Yes
ATI Radeon X300/X700 PCI-Express	ATI Windows XP driver 8.241.0.0	nVidia GeForce MX200/MX400/MX4000/FX5200/Quadro NVS280 PCI	Windows Vista built-in XDDM driver or nVidia Windows XP driver 83.50	No	Yes
nVidia GeForce 6600GT/Quadro NVS280 PCI Express	nVidia Windows XP driver 83.50	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No	Yes
nVidia GeForce 6600GT/Quadro NVS280 PCI Express	nVidia Windows XP driver 83.50	nVidia GeForce MX200/MX400/MX4000/FX5200/Quadro NVS280 PCI	nVidia Windows XP driver 83.50	No	Yes

ATI Radeon 7000/9200/9250/9550 AGP	ATI Windows XP driver 8.241.0.0	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No	Yes
ATI Radeon 7000/9200/9250/9550 AGP	ATI Windows XP driver 8.241.0.0	nVidia GeForce MX200/MX400/MX4000/FX5200/Quadro NVS280 PCI	Windows Vista built-in XDDM driver or nVidia Windows XP driver 83.50	No	Yes
nVidia GeForce MX200/MX400/MX4000/FX5200 AGP	nVidia Windows XP driver 83.50	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No	Yes
nVidia GeForce MX200/MX400/MX4000/FX5200 AGP	nVidia Windows XP driver 83.50	nVidia GeForce MX200/MX400/MX4000/FX5200/Quadro NVS280 PCI	nVidia Windows XP driver 83.50	No	Yes
Intel 82865G	Windows Vista built-in XDDM driver 6.14.10.4656	ATI Radeon 7000/Radeon 9200/Radeon 9250/Rage XL PCI	ATI Windows XP driver 8.241.0.0 for ATI Radeon VGA and Windows Vista built-in driver 6.0.6000.16386 for ATI Rage XL VGA	No	Yes
Intel 82865G	Windows Vista built-in XDDM driver 6.14.10.4656	nVidia GeForce MX200/MX400/MX4000/FX5200/Quadro NVS280 PCI	Windows Vista built-in XDDM driver or nVidia Windows XP driver 83.50	No	Yes
ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows XP driver 8.476.0.0	ATI Radeon X1550 PCI/ PCI-Express	ATI Windows XP driver 8.476.0.0	No	Yes
ATI Radeon X1650 PCI-Express	ATI Windows XP driver 8.476.0.0	ATI Radeon HD 2600 PRO PCI-Express	ATI Windows XP driver 8.476.0.0	No	Yes
ATI Radeon HD 2600 PRO PCI-Express	ATI Windows XP driver 8.476.0.0	ATI Radeon X1650 PCI-Express	ATI Windows XP driver 8.476.0.0	No	Yes
nVidia GeForce 8600GT PCI-Express	nVidia Windows XP driver 6.14.11.6921	nVidia GeForce 8600GT PCI-Express	nVidia Windows XP driver 6.14.11.6921	No	Yes
ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows XP driver 8.476.0.0	nVidia GeForce 8600GT PCI-Express	nVidia Windows XP driver 6.14.11.6921	No	Yes
nVidia GeForce 8600GT PCI-Express	nVidia Windows XP driver 6.14.11.6921	ATI Radeon HD 2600 PRO/X1650 PCI-Express	ATI Windows XP driver 8.476.0.0	No	Yes

C. Dual Head/DualView VGA Support

BeTwin VS does not currently support Dual Head/DualView VGA when the Dual Head/Dual View VGA is configured:

- i. for the Host (using the primary VGA output of the Dual Head/DualView VGA) and BeTwin Station (using the secondary VGA output to the Dual Head/DualView VGA)

ii. for one BeTwin Station (using the primary VGA output of the Dual Head/DualView VGA) and another BeTwin Station (using the secondary VGA output to the Dual Head/DualView VGA)

On the other hand, BeTwin VS does support Dual Head/DualView VGA when the Dual Head/DualView VGA is configured for one BeTwin Station only (using either the primary or secondary VGA output of the Dual Head/DualView VGA and leaving the unused VGA output "disconnected"). In other words, you need to install a separate VGA card for each BeTwin Station.