

BeTwin VS x32 Host's and Stations' VGA Combination Tested

Rev. 1.8

Notes:

1. For BeTwin VS x32 to work correctly, Windows 7 x86 Multi-Monitor feature needs to work correctly first

A. Windows 7 x86 WDDM VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	Yes
ATi Radeon HD 6850/ 6670/ 4350 PCI-E	ATi Windows 7 driver 8.930.0.0	nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	Yes
ATi Radeon HD 4350 or HD 2600 PRO PCI-E	ATi Windows 7 driver 8.753.0.0	ATi Radeon HD 4350 PRO or HD 2600 PCI-E	ATi Windows 7 driver 8.753.0.0	Yes
ATi Radeon HD 4350 PCI-E	ATi Windows 7 driver 8.753.0.0	nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 258.96	Yes
ATi Radeon HD 4350 PCI-E	ATi Windows 7 driver 8.821.0.0	nVidia GeForce GT240/GTS250/9300GE PCI-E	nVidia Windows 7 driver 266.58	Yes
nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 258.96	ATi Radeon HD 4350 PCI-E	ATi Windows 7 driver 8.753.0.0	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	ATi Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 8600GT PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.15.11.8593	Yes
ATi Radeon HD 2600 PRO PCI-E	ATi Windows 7 driver 8.632.1.200	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.56.1.15	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
ATi Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
ATi Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	ATi Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes

ATI Radeon X1550 PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	ATI Radeon HD 6850/ 6670/ 4350 PCI-E	ATI Windows 7 driver 8.930.0.0	Yes
nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	nVidia GeForce GT 520/ 440/ 240/ 8600GT PCI-E	nVidia Windows 7 driver 275.33	Yes
nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows 7 driver 266.58	nVidia GeForce GTS250/GT240/9300GE/8600GT/7100GS PCI-E	nVidia Windows 7 driver 266.56	Yes
nVidia GeForce 9300GE PCI-E	nVidia Windows 7 driver 266.58	ATI Radeon HD 4350 PCI-E	ATI Windows 7 driver 8.821.0.0	Yes
nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-E	nVidia Windows 7 driver 8.17.11.9562	nVidia GeForce GTS250/GT240/8600GT/6600GT/7100GS PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes
nVidia GeForce GTS250/GT240 PCI-E	nVidia Windows 7 driver 8.17.11.9562	ATI Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
nVidia GeForce GTS250/GT240 PCI-E	nVidia Windows 7 driver 8.17.11.9562	ATI Radeon HD 2600 PRO PCI-E	Windows 7 built-in Microsoft Corporation WDDM 1.1 driver 8.56.1.15	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	Yes
nVidia GeForce 8600GT PCI-E	Windows 7 built-in Microsoft Corporation - WDDM v1.1 driver 8.15.11.8593	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	nVidia GeForce 6600GT/7100GS PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.15.11.8593	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	ATI Radeon X1550 PCI/PCI-E	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
nVidia GeForce 8600GT PCI-E	nVidia Windows 7 driver 8.16.11.9107	ATI Radeon HD 2600 PRO PCI-E	ATI Windows 7 driver 8.632.1.200	Yes
Intel G965 Express (Built-in on Motherboard)	Intel Windows 7 driver 8.15.10.1825	ATI Radeon X1550 PCI	Windows 7 built-in Microsoft Corporation - WDDM driver 8.56.1.15	Yes
Intel G965 Express (Built-in on Motherboard)	Intel Windows 7 driver 8.15.10.1825	nVidia GeForce GT240/GTS250 PCI-E	nVidia Windows 7 driver 8.17.11.9562	Yes

B. Windows 7 x86 XP VGA Driver Model

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
nVidia GeForce 8600GT PCI-E	6.14.11.8250 (Windows XP driver)	ATi Rage XL PCI	5.10.2600.6009 (Windows XP driver)	No
Intel G965 Express (Built-in on Motherboard)	6.14.10.4670 (Windows XP driver)	ATi Rage XL PCI	5.10.2600.6009 (Windows XP driver)	No
nVidia GeForce FX5200 AGP	6.14.10.9371 (Windows XP driver)	ATi Radeon 9250 PCI	8.172.0.0 (Windows XP driver)	No
nVidia GeForce FX5200 AGP	6.14.10.9371 (Windows XP driver)	ThinNetworks TN-502 PCI	6.13.1.17 (Windows XP driver)	No

C. Dual Head/DualView VGA Card Support

Notes:

BeTwin VS x32 does support Dual Head/DualView VGA card under Windows 7 when the Dual Head/DualView VGA card is configured:

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

Host's VGA	Host's VGA Driver version	Station's VGA	Station(s) VGA Driver Version	Windows Aero Support
ATi Radeon HD 6850 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	ATi Windows 7 driver 8.930.0.0	ATi Radeon HD 6850 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	ATi Windows 7 driver 8.930.0.0	No
ATi Radeon HD 4350 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	8.56.1.15 (Windows 7 built-in Microsoft Corporation - WDDM 1.1 driver) or 8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.753.0.0 (catalyst 10.7 Windows 7 driver from ATi web site)	ATi Radeon HD 4350 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	8.56.1.15 (Windows 7 built-in Microsoft Corporation - WDDM 1.1 driver) or 8.632.1.2000 (Windows 7 driver from Windows Updates web site) or 8.753.0.0 (catalyst 10.7 Windows 7 driver from ATi web site)	No
ATi Radeon HD 2600 PRO DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 built-in driver) or 8.741.0.0 (catalyst 10.6 Windows 7 driver from ATi web site)	ATi Radeon HD 2600 PRO DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 built-in driver) or 8.741.0.0 (catalyst 10.6 Windows 7 driver from ATi web site)	No
nVidia GeForce GT 520 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	nVidia GeForce GT 520 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	No

nVidia GeForce GT 440 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	nVidia GeForce GT 440 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 275.33	No
nVidia GeForce GTS 250 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce GTS 250 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce GT 240 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	nVidia GeForce GT 240 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
nVidia GeForce 9300 GE DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	nVidia Windows 7 driver 266.58	nVidia GeForce 9300 GE DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	nVidia Windows 7 driver 266.58	No
nVidia GeForce 8600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM v1.1) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	nVidia GeForce 8600GT DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM v1.1) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	No
nVidia GeForce 7100GS DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	nVidia GeForce 7100GS DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	No
nVidia GeForce 6600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	nVidia GeForce 6600GT DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	257.21 (Windows 7 driver from nVidia web site) or 8.15.11.8593 (Windows 7 built-in Microsoft Corporation - WDDM) or 8.17.11.9745 (Windows 7 driver form Windows Updates web site)	No
ThinNetworks TN-750 DualView PCI-E (Host is using the primary VGA output of the DualView VGA)	6.13.1.14 (Windows XP driver)	ThinNetworks TN-750 DualView PCI-E (Station is using the secondary VGA output of the DualView VGA)	6.13.1.14 (Windows XP driver)	No
nVidia GeForce 7100GS PCI-E	175.19 (Windows XP driver)	ThinNetworks TN-502 DualView PCI (Station1 is using the primary VGA output of the DualView VGA and Station2 is using the secondary VGA output of the DualView VGA)	6.13.1.18 (Windows XP driver)	No
nVidia GeForce 8600GT DualView PCI-E (Host is using the primary VGA output of the DualView VGA, Station#1 is using the secondary VGA output of the DualView VGA)	8.17.11.9745 (Windows 7 driver form Windows Updates web site)	ATI Radeon HD 2600 Pro DualView PCI-E (Station#2 is using the primary VGA output of the DualView VGA. Station #3 is using the secondary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 driver from Windows Updates web site)	No

ATI Radeon HD 2600 Pro DualView PCI-E DualView PCI-E (Host is using the primary VGA output of the DualView VGA, Station#1 is using the secondary VGA output of the DualView VGA)	8.632.1.200 (Windows 7 driver from Windows Updates web site)	nVidia GeForce 8600GT DualView PCI-E (Station#2 is using the primary VGA output of the DualView VGA. Station #3 is using the secondary VGA output of the DualView VGA)	8.17.11.9745 (Windows 7 driver from Windows Updates web site)	No
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D. USB VGA Support

Host's VGA	Host's VGA Driver version	Station(s) VGA	Station(s) VGA Driver Version	Windows Aero Support
nVidia GeForce GT 240 PCI-E	257.21 (Windows 7 driver from nVidia)	MCT USB VGA (Model UVGA-A8201, Trigger 1+)	10.11.0427.0159 (XDDM driver)	No
Intel HD Family Graphics	Intel Windows XP driver 6.14.10.5387	MCT USB VGA (Model UV-A8301, MCT Trigger II chipset)	11.10.1014.0179	No
Intel HD Family Graphics	Intel Windows XP driver 6.14.10.5387	MCT USB VGA (Model MWS8940, Trigger II chipset)	11.10.1014.0179	No
Intel HD Family Graphics	Intel Windows XP driver 6.14.10.5387	SCP-M8940 (Using MCT Trigger II chipset)	11.09.0919.0183	No
Intel HD Family Graphics	Intel Windows XP driver 6.14.10.5387	DisplayLink USB VGA	6.1.36484.0	No