

[FAQ]

Which GV-Video Capture Card can support two-card mode?

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Applied to

All GV-Video Capture Cards (Except for **GV-250**, **GV-800_4A** and **GV-2004** Cards)

Question

After I installed two GV-Video Capture Cards and the driver on my computer, the GV-System was failed to run. Which GV-Video Capture Card can support two-card mode?

Answer

The failure of running two GV-Video Capture Cards installed on a computer may occur under these circumstances:

- Different models of the cards are installed on a computer.
- Incorrect hardware version or combination of two cards.
- Incorrect software version of the GV-System.
- Insufficient computer capacity to support two cards for a total of 32 channels.

To allow two-card mode on a computer, follow the instructions below:

- **Install two cards of the same model:** The two-card mode only supports two video capture cards of the same model. It is possible to implement the two video capture cards of different channels. For example, GV-650 Card (12 channels) + GV-650 Card (16 channels) = 28 channels.

- **Select the correct hardware version and combination of two cards:** The table below shows the correct hardware version and the combination of the GV-Video Capture Cards to allow two-card mode:

A. GV-600, GV-650, GV-800

Card Combination	V3.20 and later	V4.20 and later
V3.20 and later	×	×
V4.20 and later	×	○
Note: GV-800_4A Card does not support two cards.		

B. GV-1120, GV-1240, GV-1480

Card Combination	V1.02/V2.00 and later	Combo A Cards (GV-1120A/GV-1240A/GV-1480A)
V1.02/V2.00 and later	○	×
Combo A Cards (GV-1120A/GV-1240A/GV-1480A)	×	○

- **Use the GV-System of version 8.3 or later:** Only the GV-System of version 8.3 or later supports two-card mode.
- **Adopt a computer with sufficient capacity to support a total of 32 channels:** If you want to build a 32-channel GV-System on a computer, it is recommended to adopt a computer with sufficient capacity. The table below shows the minimum system requirement of the computer for different two-card modes.

	CPU	RAM	HDD	VGA
GV-600 x 2	Pentium 4, 2.6 GHz with HT	2 x 1 GB Dual Channels	160 GB	ATI Radeon X600 NVIDIA 6200
GV-650 x 2	Pentium 4, 2.8 GHz with HT			
GV-800 x 2	Pentium 4, 3.0 GHz, Dual Core		250 GB	ATI Radeon X1300 PCI-E NVIDIA GeForce 7300 PCI-E
GV-1120 x 2				
GV-1240 x 2	Core 2 Duo, 2.53 GHz		500 GB	
GV-1480 x 2				
GV-1120A x 2	Pentium 4, 3.0 GHz, Dual Core		160 GB	
GV-1240A x 2	Core 2 Duo, 2.53 GHz		250 GB	
GV-1480A x 2	Core 2 Quad, 2.4 GHz	500 GB		