

Advantech AE Technical Share Document

Date	2/22/2023	Release Ver.	V1.0
Category	▪ FAQ □ SOP	Release Note	□ Internal ▪ External
Related OS	None		
Abstract	How to enable the VGA dummy load function?		
Keyword	VGA dummy		
Related Product	PCA-6029		

■ **Description:**

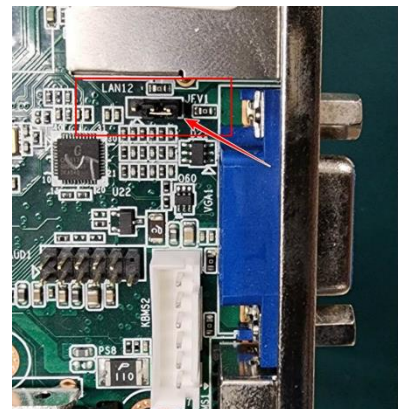
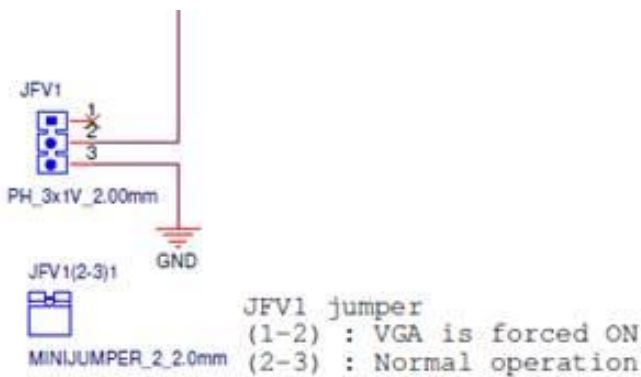
Some customers do not need to connect to VGA during operation, but there will be no display when plugging in VGA during operation. This FAQ shares how to enable the VGA dummy load function to avoid this phenomenon.

■ **Analysis and Solution:**

Some VGA driver or OS doesn't support hot-plug function of VGA, so it will be no display when plugging in VGA during operation.

so if customer has this kind of application, please enable the VGA dummy load to avoid this symptom.

Please set the JFP1 jumper from pin2-3 to pin1-2 to enable the VGA dummy load.



■ **Reference:**

Other related case: VGA device has been always turned on for dummy load.

<https://advdownload.advantech.com/productfile/Downloadfile2/1-1UWBSBQ/VGA%20device%20has%20been%20always%20turned%20on%20for%20dummy%20load%20design%20on%20some%20Skylake%20platforms.pdf>