

# Memo

**DATE**

14 March 2025

**TO**

Barco Customers

**FROM**

Albert Xthona, Product Manager

## Barco Display Controller (GPU) use on HP Z-series OK

Dear Customer,

This letter explains that the Barco display controllers (i.e. MX...) are compatible with the HZ Z-series (Z4 & Z6) workstation computers.

The HP Z-series computers have built in a BIOS-level check for non-HP-branded display controllers; the check may display a message when other display controllers are present. Appearance of this message does not indicate that the Barco display controllers are incompatible with the Z-series computer.



This check was added because *some* display controllers need auxiliary cooling fans to be added to the Z-series to maintain full performance and longevity.

Because the BIOS check is not actually sensitive to the power or cooling requirements, it can be annoying to see this when using a Barco-branded display controller, especially when these do not need auxiliary cooling. To be clear, one installed Barco display controller will perform for the warranted lifetime at full performance without the auxiliary cooling. If two Barco displays controllers are installed, then the auxiliary cooling mentioned below *is* recommended.

There are two solutions to avoid this BIOS message :

1. Add *HP Fan and Front Card Guide and the PCIe Retainer with Fans*. These are available options for the Z-series that can either be configured at the factory or added afterwards, as documented in the HP Z4 G5 specs and the HP Z6 G5 specs.
2. Update to a new BIOS for the Z-series is coming from HP in April 2024 that includes a setting *Disable Fan Post Errors*; this approach does not require adding any extra cooling to the Z-series and does not disable any other thermal protection of the Z-series computer.

Best regards,  
Albert Xthona