

Interlock Status LED Indicators

Improperly seated components in the interlock chain cause the LED associated with the fault origination point to illuminate on the system board. Figure 4-10 shows the location of the interlock status LED indicators and Table 4-10 identifies the point of the hardware connection fault.

IMPORTANT: This server is not equipped with chassis door or access panel interlocks.

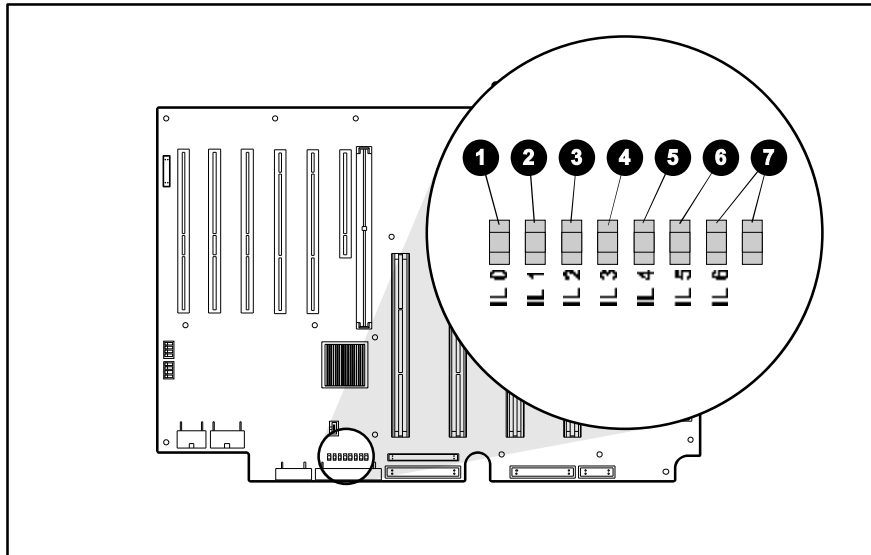


Figure 4-10. Interlock status LED indicators on system board

Table 4-10
System Board Interlock Status LED Indicators

Fault of Interlock Error	①	②	③	④	⑤	⑥	⑦
Memory board	On	On	On	On	On	On	On
Processor 1	Off	On	On	On	On	On	On
Processor 2	Off	Off	On	On	On	On	On
Processor 3	Off	Off	Off	On	On	On	On
Processor 4	Off	Off	Off	Off	On	On	On
Peripheral board	Off	Off	Off	Off	Off	On	On
P/S backplane board	Off	Off	Off	Off	Off	Off	On
No interlock error	Off	Off	Off	Off	Off	Off	Off

Note: Only the left LED indicator in any row provides a valid indication of error. After ensuring that the server is powered down and the power cables are disconnected from all the power supplies, reseal the device associated with the left LED.

Internal Diagnostics Display Indicator

Figure 4-11 shows the location of the Internal Diagnostic Display (IDD) indicator. The IDD indicator provides alphanumerical codes that assist the technician in determining trouble conditions. Table 4-11 lists diagnostic codes that identify processor or memory trouble conditions. Refer to the *Compaq ProLiant DL580 Server Setup and Installation Guide* for more information.

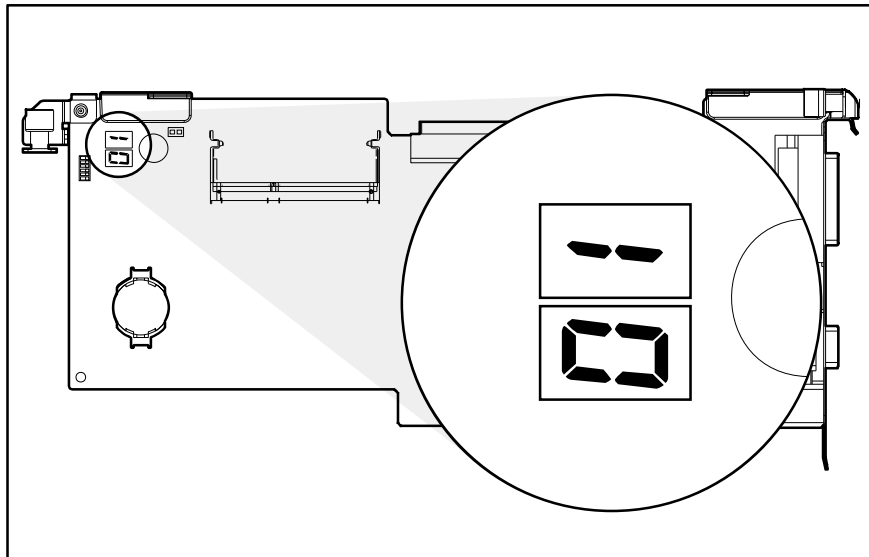


Figure 4-11. Internal Diagnostics Display (IDD) indicator

Table 4-11
Internal Diagnostic Display (IDD) Indicator Codes

Error Code	Description	Error Code	Description
P1	Processor 1	07	DIMM 7
P2	Processor 2	08	DIMM 8
P3	Processor 3	09	DIMM 9
P4	Processor 4	10	DIMM 10
01	DIMM 1	11	DIMM 11
02	DIMM 2	12	DIMM 12
03	DIMM 3	13	DIMM 13
04	DIMM 4	14	DIMM 14
05	DIMM 5	15	DIMM 15
06	DIMM 6	16	DIMM 16

Hot-Plug Power Supply LED Indicators

Figure 4-12 shows the hot-plug power supply LED indicators on the ProLiant DL580 server. The ProLiant DL580 server ships with two hot-plug, dual-rated, 450-watt power supplies installed. Each hot-plug power supply has a status and an AC power indicator that shows the current status of the power supply. Table 4-12 lists the corresponding LED status descriptions.

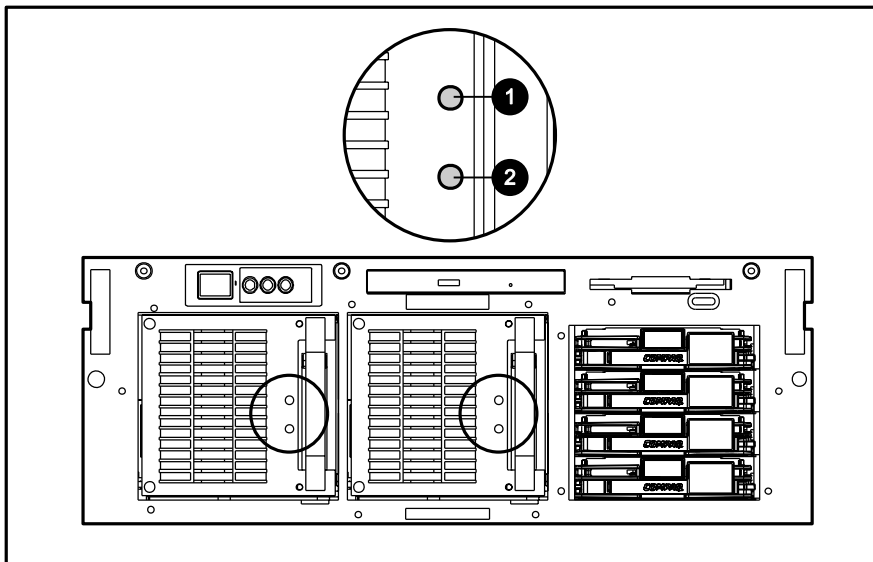


Figure 4-12. Hot-plug power supply LED indicators

Table 4-12
Hot-Plug Power Supply LED Indicators

Item	Function	LED Status	Current Condition
❶	Status	Green (steady)	Power OK
		Off	Fault
❷	AC power	Green (steady)	AC power present
		Off	AC power not present or fault