

digital™

Table 1 Switch Selected Boot Modes

Mode	Definition
0	Boot, line card errors allowed
1	Boot, no errors allowed
2	Local console mode
3	No boot, configuration assist
7	Installation testing
F	Manufacturing testing
4-6, 8-E	Reserved

Table 2 Device Addresses and Interrupt Vectors

Slot	Device Address	Interrupt Vector
Ethernet Module	17774440	120
Line card 1	17760440	310
Line card 2	17760460	320
Line card 3	17760500	330
Line card 4	17760520	340
Line card 5	17760540	350
Line card 6	17760560	360
Line card 7	17760600	370
Line card 8	17760620	400

Table 3 Server Software Status and Error Codes

LED Display	Definition
Status Codes	
B/1*	Requesting load host by direct address
B/2	Requesting load host by multicast address
B/3	Requesting server software
B/4	Loading server software
B/5	Starting server software
0/8	Server software running
D/1	Requesting dump host by direct address
D/2	Requesting dump host by multicast address
D/3	Dumping server memory
D/4	Dump of server memory complete
Error Codes	
E/D	Server memory dump failure
E/B	Server software load failure
E/C	Diagnostic self-test program software failure
E/F	Hardware configuration problem
F	Server software configuration problem

Table 4 Diagnostic Status and Error Codes

LED Display	Definition
Status Codes	
1	Testing system kernel
1/2*	Executing Ethernet Citizenship and board-level tests
1/C	Verifying hardware configuration
1/3	Executing extended Ethernet interface test
1/4	Executing extended line card test
1/5	Executing system exerciser test
1/6	Local console mode
1/7	Remote console code
Error Codes	
0	CPU module failure
E/2	Ethernet, or line card self-test failure
E/3	Extended Ethernet interface test failure
E/4	Extended line card test failure
E/5	System exerciser failure

*Slash (/) Indicates alternating display

DECserver 500

Troubleshooting Quick Reference Card

Table 5 DECserver 500 Configuration and Cable Destination

Slot	Ports	Module	Cable Destination								
CPU	N.A.	CPU									
NET	N.A.	Ethernet									
LC1	1-8										
	9-16										
LC2	1-8										
	9-16										
LC3	1-8										
	9-16										
LC4	1-8										
	9-16										
LC5	1-8										
	9-16										
LC6	1-8										
	9-16										
LC7	1-8										
	9-16										
LC8	1-8										
	9-16										