Service Hints & Tips

Doc Size 5.473 bytes

Document ID:
GSMH-3DLHAA

PS/2 859x / PS/2 959x / PC Server 500 - Reference diskette ID matrix

Service Information:
There are four types of 859x/959x reference diskettes (labeled 1,2,3 or 4). The processor board installed in the system determines which type reference diskette (set) to use. A reference diskette set consists of an IML diskette of the appropriate type and common diagnostic diskette (see note below).

The following methods may be used to identify the type of processor board installed and the reference diskette required:-
a. Display revision levels.Go to the system partition main menu and select 'Display Revision Levels' ('More Utilities' on later versions). Note the sub-model code displayed on the screen and refer to the chart below.
b. FRU Part Number.
Read the FRU part number on the processor board and refer to the chart below.
c. Upgrade Label.Check the system for an additional label next to the front serial number. If the system is upgraded with a different processor board, an upgrade label (marked P1-PE) is added.

Use the following matrix to identify which processor board is installed and which reference diskette is required :-

MODEL	90 SUB MODEL CODE	95 SUB MODEL CODE	95A MODEL CODE	PROCESSOR BOARD FRU NUMBER & DESCRIPTION		UPGRADE LABEL NUMBER	REF. DSKT TYPE
0GX	2F	2E		P/N92F0049	486/20MHZ		1
0JX	11	14		P/N64F0201	486/25MHz	P1	1
0KX	13	16		P/N64F0198	486/33MHz	P2	1
–	2B	2A		P/N92F0048	486/50MHZ	P3	1
0GX	2D	2C		P/N92F0065	486SX/20MHz	P4	1
0HX	57	58		P/N92F0079	486SX/25MHz	P5	2
0HX	59<	5A<		P/N92F0079	486SX/25MHz	P6	2
0LX	3F	40		P/N92F0161	486DX 25/50	P7	2
0HX	5B	5C		P/N92F0079	486 25/50	P8	2
–	37	36		P/N92F0145	486DX 33/66	P9	1
0MX	29	28		P/N57F1597	486 50	PA	3
XNX	43	42	44	P/N61G2343	486DX2 (HF)	PB	4
XPX	45	46	47	P/N52G9362	586 60 (GS)	PC	4
XQX	45	46	47	P/N92F0120	586 66 (GS)	PE	4
XYX			(8641)	P/N06H3739	586 90		4

Also requires 487SX CoProcessor (FRU P/N92F0100).
Notes:
   1. Some type 1 reference diskettes were produced with a small '1' in the upper right corner of the label. These diskettes are identical to the diskettes with a large '1'. Early type '1' diskettes did not have a number printed on the label (1.01, 1.02 & 1.03).
   2. Common Diagnostic Diskette as of 05-05-95, the common diagnostic diskette version 2.32 is the current version. Earlier versions have known 'Bugs'. The 8641 server 500 uses the same system board as the 9595 and the 9595A (FRU P/N92F2623). However the cabinet

is similar in external appearance only, to the 8640 server.

Keywords:
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PSY2            PSY2DIAG        D/T8595         8590SYSDIAG
8595SYSDIAG     D/T8590         D/T9590         D/T9595
D/T9595A        PENTIUM         D/T8641         SERVER 500
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Document Information:

Search Keywords	
Hint Category	**Retain, Reference**
Date Created	**28.07.95**
Last Updated	**23.11.98**
Revision Date	**19.11.99**
Brand	**IBM PC Server**
Product Family	**Server 95**
Machine Type	**8590, 8595, 9590, 9595**
Model	**Various**
TypeModel	
Retain Tip (if applicable)	**H095936**
Reverse Doclinks and Admin Purposes	