

STANDARD (LPX) PC CORE REFERENCES

Component/Module	SAMM Section
The Standard PC Core	Chapter 23.1
Pentium Motherboards	Chapter 23.2
Std PC Core Self - Service Personality Board	Chapter 23.3
Std PC Core Miscellaneous Interfaces	Chapter 23.4
Std PC Core Mop- Up Board	Chapter 23.5
Std. PC Core Power Supply Unit	Chapter 23.6
Entry Level System Board	Chapter 23.7
REALmagic Maxima PRO MPEG Card	Chapter 23.11
CT4170 Sound Blaster 16 Card	Chapter 23.12
LVDS Transmitter Board	Chapter 23.14
Internal Modems	Chapter 23.15
Level 0 Diagnostics – ATM Cores	Chapter 4.2.23
Level 1 Diagnostics – ATM Cores	Chapter 4.3.23
Level 3 Diagnostics – ATM Cores	Chapter 4.4.23

STANDARD (LPX) PC CORE PART NUMBERS**Parts used with the ELSB board**

Part Number	Description
009-0013062	ELSB ROM BIOS V5.07 (Fixes screen blanking)
445-0636517	ELSB 486 Processor W/Comm Secure (Field Use) for 58xx
445-0636518	ELSB 486 Processor W/O Comm Secure (Field Use) PersonaS 40/74/75/84/85/88 5670
445-0636519	ELSB 486 Processor W/Comm STD Secure (Development Use) PersonaS 40/74/75/84/85/88 5670
445-0636520	ELSB 486 Processor W/O Comm STD Secure (Development Use)PersonaS 40/74/75/84/85/88 5670)
445-0623188	ELSB 486 Expansion PCB (15 & 25 pin) PersonaS 40/74/75/84/85/88 5670
445-0623622	ELSB ISA Expansion PCB PersonaS 40
445-0623196	ELSB Expansion Harness PersonaS 40
445-0625598	ELSB Hard Disk Cable PersonaS 40/74/75/84/85/8856XX
445-0626018	ELSB LCD Decoupling PCB - PersonaS 40/70
445-0624580	ELSB LCD Decoupling Harness PersonaS 40/70
009-0011248	ELSB LCD Backlite Inverter PersonaS 40
445-0633151	ELSB Misc I/O PersonaS 40
445-0650203	ELSB Misc I/O P70

STANDARD (LPX) PC CORE



**Boards and components you may see inside a Standard PC Core:
SAMM chapter 23**

486 Standard PC Core

- 486 processor board (ELSB)
- Memory SIMMs (4mb – 64mb)
- Standard PC Core Miscellaneous Interface board
- Riser Card
- 486 ISA Expansion board (5840 only)
- 486 Expansion Board
PCCM port (optional)
- Hard Disk and Flex Disk drives
- Mop-up board
- PC Power Supply
- Cooling Fan

Pentium Standard PC Core

- Pentium processor board
Diamond or Trent
- Memory SIMMs (8mb – 128mb)
- Standard PC Core Miscellaneous Interface board
- Riser Card
- SSPB board (Self Service Personality Board
PCCM port (optional)
- Hard Disk and Flex Disk drives
- Mop-up board
- PC Power Supply
- Cooling Fan