

Table 2-3. 32-Bit Addressing Forms with the SIB Byte

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Scaled Index	SS	Index	Value of SIB Byte (in Hexadecimal)							

NOTES:

2.2 IA-32E MODE

IA-32e mode has two sub-modes. These are:

- ¥ **Compatibility Mode.** Enables a 64-bit operating system to run most legacy protected mode software unmodified.
- ¥ **64-Bit Mode.** Enables a 64-bit operating system to run applications written to access 64-bit address space.