

@E& U*:%B6<C;=#V%K=A6% U*:%GC:=@WV%K=A6%			O'X J JJJ	O0X 4 JJ4	OIX & J4J	OKX E J44	O,P Y 4JJ	789 Z 4J4	O,* [ 44J	OI* ) 444
7O'X9 7O0X9 7OIX9 7OKX9 .:6 7OKP9 7O,*9 7OI*9	JJ	JJJ JJ4 J4J J44 4JJ 4J4 44J 444	JJ JM 4J 4M &J &M EJ EM	J4 J\ 44 4\ &4 &\ E4 E\ E'	J& J' 4& 4' && &' E& E'	JE JK 4E 4K &E &K EE EK	JY J0 4Y 40 &Y &0 EY E0	JZ J1 4Z 41 &Z &1 EZ E1	J[ J0 4[ 40 &[ &0 E[ E0	J) J2 4) 42 &) &2 E) E2
7O'X8&9 7O0X8&9 7OIX8&9 7OKX8&9 .:6 7OKP8&9 7O,*8&9 7OI*8&9	J4	JJJ JJ4 J4J J44 4JJ 4J4 44J 444	YJ YM ZJ ZM [J [M )J )M	Y4 Y\ Z4 Z\ [4 [\ )4 )\ )'	Y& Y' Z& Z' [& [' )& )'	YE YK ZE ZK [E [K )E )K	YY Y0 ZY Z0 [Y [0 )Y )0	YZ Y1 ZZ Z1 [Z [1 )Z )1	Y[ Y0 Z[ Z0 [[ [0 )[ )0	Y) Y2 Z) Z2 [) [2 ) )2
7O'X8Y9 7O0X8Y9 7OIX8Y9 7OKX8Y9 .:6 7OKP8Y9 7O,*8Y9 7OI*8Y9	4J	JJJ JJ4 J4J J44 4JJ 4J4 44J 444	MJ MM IJ IM 'J 'M KJ KM	M4 M\ I4 I\ '4 '\ K4 K\ K'	M& M' I& I' '& '" K& K'	ME MK IE IK 'E 'K KE KK	MY M0 YI Y0 'Y '0 KY K0	MZ M1 ZI Z0 'Z '1 KZ K1	M[ M0 I[ I0 '[ '0 K[ K0	M) M2 I) I2 ' '2 K) K2
7O'X8M9 7O0X8M9 7OIX8M9 7OKX8M9 .:6 7OKP8M9 7O,*8M9 7OI*8M9	44	JJJ JJ4 J4J J44 4JJ 4J4 44J 444	OJ OM IJ IM OJ OM 2J 2M	O4 O\ I4 I\ O4 O\ 24 2\ 2'	O& O' I& I' O& O' 2& 2'	OE OK IE IK OE OK 2E 2K	OY O0 IY I0 OY O0 2Y 20	OZ O1 IZ I1 OZ O1 2Z 21	O[ O0 I[ I0 O[ O0 2[ 20	O) O2 I) I2 O) O2 2) 22

4\$ -56%789%:";6:<#=>?@6%;6=:A%BCAD%G=A6%CH%>56%311%CA%JK\$%1>56@FCA6L%789%;6=:A%BCAD%CA%56%BCADE  
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J4 7A<=#6B%C:B6T9%N%BCADM%N%7OKP9  
4J % 7A<=#6B%C:B6T9%N%BCADE&%N%7OKP9

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.