

4. Segment Options and Protection

Segment	Base	Size (max 4K)	Grows Positive?
Code ₀₀	32K	2K	1
Heap ₀₁	34K	3K	1
Stack ₁₁	28K	2K	0

Figure 16.4: Segment Registers (With Negative-Growth Support)

Segment	Base	Size (max 4K)	Grows Positive?	Protection
Code ₀₀	32K	2K	1	Read-Execute
Heap ₀₁	34K	3K	1	Read-Write
Stack ₁₁	28K	2K	0	Read-Write

Figure 16.5: Segment Register Values (with Protection)