

Virtual address space

#0000 0000 0000 0000

Segment 0

Segment 1

Segment 2

Segment 3

#8000 0000 0000 0000

Privileged space

Directly mapped  
to physical space

#FFFF FFFF FFFF FFFF

Physical address space

#0000 0000 0000 0000

RAM

#0001 0000 0000 0000

Memory mapped I/O  
(uncached)

#FFFF FFFF FFFF FFFF