

# XS2 priority threads

Threads can be set to have priority

- Normal use of priority threads has fewer than five priority threads
  - Priority thread is guaranteed 100 MIPS (assuming 500 MHz)
  - Other threads are scheduled around it.
- MIPS rates for 1-8 threads with 0-4 priority threads:

	Total number of threads							
prio	1	2	3	4	5	6	7	8
0	100	100	100	100	100	83	71	62
1		100	100	100	100	80	66	57
2			100	100	100	75	60	50
3				100	100	66	50	40
4					100	50	33	25

- First row is case without priority threads.