Efficient Server Motherboard
(top view)

Fans (grey = possible optional fans)

Motherboard

Airflow

Fan cable header

Memory sockets

Memory sockets

Fan cable header

CPU heatsink

Cable connectors

Cable connectors

Bus connectors

Rear I/O ports
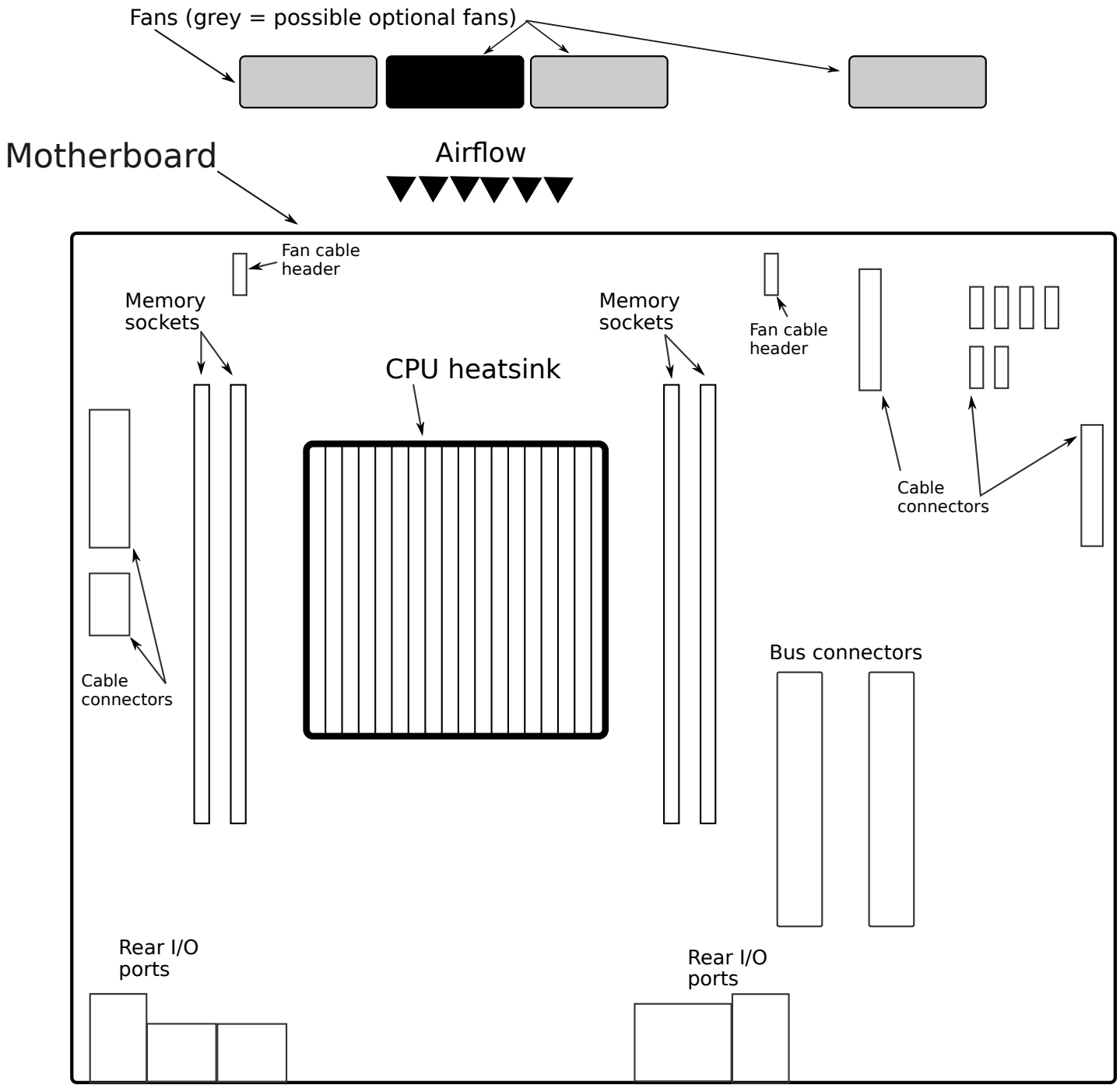
Rear I/O ports

CPU heatsink fins, motherboards sockets of all types,
cable connectors are all placed and situated to be
parallel in length in order to optimize and smooth airflow.

Rear I/O ports are placed out of critical CPU cooling airflow.