

Host Interface

Dedup.
Module

Popularity-aware
Allocator

Offset-group
Selector

Hotness-aware
Migration Unit

SSD Controller

Transaction
Scheduling
Unit

Address
Trans.

Data
Alloc.

Wear
Leveling

Garbage
Collect.

Flash Channel Controller

Die #0

Die #1

Die #2

.....

Die #N

Plane
#0

Plane
#1

Plane
#2

Plane
#3