

CLAIMS

1. An electronic apparatus comprising:

a cooling target unit disposed in a housing and
5 including a first cooling target and a second cooling
target;

a flow path guide disposed on the cooling target unit,
the flow path guide including a wall-like member that
separates a space inside the housing into a plurality of
10 segments, and forming a first flow path that runs through
the first cooling target and a second flow path that runs
through the second cooling target; and

a blower device, wherein

the first cooling target is disposed on a downstream
15 side of an air blow direction of the blower device,

the second cooling target is disposed on the
downstream side of the air blow direction relative to the
first cooling target,

the first cooling target and the second cooling target
20 are disposed at overlapping positions as viewed toward the
upstream side of the air blow direction relative to the
blower device.

2. The electronic apparatus according to claim 1,
25 wherein

the flow path guide includes a first sidewall section which divides a space on the downstream side of the air blow direction of the blower device into a plurality of segments along a first direction intersecting the air blow direction, a first lid wall extending toward one side of the first direction of the first sidewall section and covering the first cooling target, and a second lid wall extending toward a portion of the first sidewall portion located on another side of the first direction, and

the first sidewall section and the second lid wall extend toward the downstream side of the air blow direction relative to the first cooling target, in such a manner that, in a portion on the downstream side of the air blow direction, the second lid wall covers the second cooling target and the first sidewall section covers a lateral portion of the second cooling target located on the one side of the first direction.

3. The electronic apparatus according to claim 2, wherein

the blower device includes a plurality of blower fans arranged in parallel along the first direction,

the cooling target unit is a board unit including a board disposed on a bottom portion inside the housing,

the first cooling target is a first CPU unit including a first CPU disposed on the board and a first heat radiation fin disposed on the first CPU,

the second cooling target is a second CPU unit
5 including a second CPU disposed on the board on the downstream side of the air blow direction relative to the first CPU, and a second heat radiation fin disposed on the second CPU at a height greater than that of the first heat radiation fin,

10 the second lid wall is disposed at a position above the first lid wall,

the first flow path is formed below the first lid wall so as to lead to the first cooling target,

the first sidewall section extends downward from a
15 side edge of the second lid wall located on one side of the first direction, and is connected to a side edge of the first lid wall located on another side of the first direction,

a second sidewall section is provided so as to extend
20 downward from a side edge of the second lid wall located on said another side of the first direction, and

the second flow path is formed by a duct including the second lid wall, the first sidewall section, and the second sidewall section, so as to lead from a portion of the first
25 flow path on another side of the first direction, toward a

portion on the downstream side of the air blow direction,
to the second cooling target.

4. The electronic apparatus according to claim 2 or 3,
5 wherein the first lid wall or the second lid wall includes,
on the upstream side of the air blow direction relative to
a center of the first cooling target or the second cooling
target, a constriction section that is displaced downward
in such a manner that the first flow path or the second
10 flow path is narrowed.

5. The electronic apparatus according to any one of
claims 2 to 4, comprising:

a third cooling target disposed on the downstream side
15 of the air blow direction relative to the first lid wall
and the first cooling target,

the first lid wall divides a space along a height
direction, and

a third flow path is formed in a portion of the first
20 sidewall section on the one side of the first direction so
as to lead through an upper side of the first lid wall to
the third cooling target.

6. The electronic apparatus according to any one of
25 claims 3 to 5, wherein the first sidewall section is

disposed between a space above the first lid wall and the second flow path and includes a front sidewall, a rear sidewall, and an opening, the opening being located between the front sidewall and the rear sidewall, and allowing the
5 space above the first lid wall and a portion of the second flow path located below the second lid wall to be communicated with each other, and

a guide lib is provided on an upper surface of the first lid wall, the guide lib being a wall-like member
10 extending upward, a portion of the guide lib on the downstream side of the air blow direction extending along the second flow path toward the opening in the first sidewall section.

15 7. The electronic apparatus according to any one of claims 1 to 6, wherein the flow path guide integrally includes a plurality of wall-like members formed of a transparent material, and

integrally includes an attachment section that is
20 fastened to the housing in a state of being fitted onto the cooling target.