## CLAIMS

1. A server rack, comprising:

a frame;

a plurality of the servers mounted to the frame, each of the servers comprising:

a housing defining a gaseous flow passage;

a plurality of active components and a plurality of passive components provided in the housing; and

a plurality of liquid cooling devices attached to respective ones of the active components;

one or more heat exchangers arranged to remove heat from a cooling liquid and a gaseous flow passing through the servers, wherein the one or more heat exchangers comprises a first heat exchanger provided downstream of the gaseous flow passage of the servers, wherein the first heat exchanger comprises a triple-fluid heat exchanger; and

a plurality of fans arranged to draw ambient air through the servers and the first heat exchanger.

2. The server rack according to claim 1, wherein the liquid cooling devices are connected in series.

3. The server rack according to claim 1, wherein each of the liquid cooling devices comprises a liquid-cooled heat sink assembly.

4. The server rack according to claim 1, wherein each of the liquid cooling devices comprises a liquid-cooled heat sink assembly, wherein the liquid-cooled heat sink assembly comprises:

a thermally conductive base;

a cover attachable to the thermally conductive base, wherein the thermally conductive base and the cover define a liquid flow passage;

an inlet provided in the cover for receiving a liquid cooling medium; and

an outlet provided in the cover for discharging the liquid cooling medium.

5. The server rack according to claim 4, further comprising an array of cooling fins attached to the thermally conductive base.

6. The server rack according to claim 1, wherein the ambient air received by the servers for cooling is at a temperature of between 40 degrees Celsius (°C) and 45 °C.

7. The server rack according to claim 1, wherein the cooling liquid is provided to the servers at a temperature of between 30 degrees Celsius (°C) and 40 °C.

8. The server rack according to claim 1, wherein the first heat exchanger comprises a finned heat exchanger.

9. The server rack according to claim 1, wherein the server rack has a height of between about 50 rack units (U) and about 60 U.

10. A data centre, comprising:

a space; and

a plurality of the server racks in accordance with claim 1 housed within the space, wherein the space is without a raised floor and an overhead plenum for a ducting network.

11. The data centre according to claim 10, wherein the space is without a computer room air conditioning (CRAC) unit and/or a chiller.

12. The data centre according to claim 10 having an operational temperature of between about 40 degrees Celsius (°C) and 45 °C.