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(57) **ABSTRACT**

A server rack system for receiving and coupling one or more electronic components to a vehicle system includes a housing. The housing is configured to receive the one or more electronic components. The server rack system includes a heat-conducting structural component. A cooling system includes a heat source and a heat sink. An active cooling system includes a cold plate coupled to a cooling system defining a heat sink. A passively cooled electronic component defines a heat source. A hybrid cooling system is configured to provide a heat transfer from the passively cooled electronic component to the cold plate by heat conduction via the structural component.

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