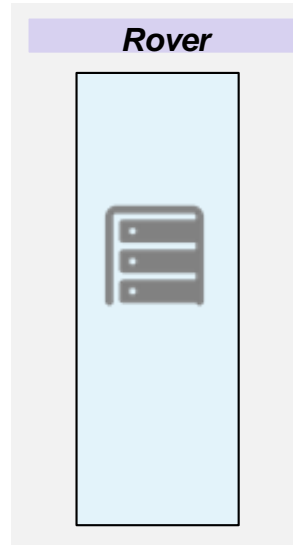


Akraino Blueprint Proposal - Rover

Case Attributes	Description	Informational
Type	New submission	
Blueprint Family - Proposed Name	Network Cloud Family	
Use Case	Network Cloud	
Blueprint proposed Name	Rover	
Initial POD Cost (capex)	Rover less than \$20k	
Scale & Type	1 server x86/ARM server or deep edge class	
Applications	5G micro edge or customer premises deployment Over the top edge applications. SD-WAN Remote @ customer or public buildings	
Power Restrictions	Less than 10Kw	
Infrastructure orchestration	OpenStack Pike or above - VM orchestration Docker 1.13.1 or above / K8 1.10.2 or above- Container Orchestration OS - Ubuntu 16.x Under Cloud Orchestration - Airship – in a Bottle	
SDN	SR-IOV & OVS-DPDK or VPP-DPDK	
Workload Type	VMs and Containers	
Additional Details	Submitter to provide additional use case details	

Akraino Blueprint Proposal - Rover

Customer's Premises



Characteristics	<ul style="list-style-type: none">- Remote @ customer or public buildings- Single server deployment (Uniserver)- Containerized Control plane- Possible - Data plane/Control Plane mixed
Use Cases (e.g.,)	<ul style="list-style-type: none">- 5G micro edge- Over the top edge applications.- SD-WAN