


Orin (autoware) + x86    awsim    #3625

Unanswered


Autostone-c asked this question in Q&A

 **Autostone-c** on Jul 1, 2023

hi Recently, I run autoware   awsim-stable   on Orin   and run the AWSIM simulation platform on another x86   dell-precision   , but running autoware on Orin has poor performance, and path planning and traffic light recognition were basically impossible. Where should I optimize this performance

↑ 1

Category

 Q&A

Labels

None yet

2 participants




1 comment · 7 replies

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 **greensky0802** on Oct 12, 2023 

Collaborator


**@Autostone-c** How is your Orin system built? What is the CUDA version? Have you started all the function nodes of the Autoware. Universe on Orin?

↑ 1

7 replies


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 **Autostone-c** on Oct 13, 2023 


Author

good job.  
Have you completed the cross machine communication debugging yet? And are the scenarios in Autoware fully functional?

 **greensky0802** on Nov 7, 2023 

Collaborator

Yes, we use cyclone dds to communication among orin, orinrx and PC. only validated cruise and simply obstacle avoidance currently.

 **Autostone-c** on Nov 7, 2023 

Author

i have done PC and single orin. and the scenarios in Autoware fully functional is good.  
I don't have experience deploying autoware in double orin. Can you share your experience



**greensky0802** on Nov 17, 2023 Collaborator

Is the computational power sufficient with a single orin I used the dual orin because of computational power issues. Have you done deep optimization



**Autostone-c** on Nov 20, 2023 Author

Single orin is sufficient, but my goal is the same as yours, deploying on dual orin