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**AD STATION 3000 PRO**

# AD STATION 3000 PRO

## AUTONOMOUS DRIVING DATA RECORDER

Industrial GPU computing artificial intelligence platform, support 2\* RTX 30 Series NVIDIA® Graphics Cards, Intel 9th generation Core™ processors.

- Support two RTX30 Series NVIDIA graphics cards, with FP32 computing power up to 28 TFLOPS.
- Support Intel 9th Generation Core i9 LGA1151 CPU
- 4 SO-DIMM memory slots for up to 128GB of ECC/ non-ECC DDR4 2133 memory
- 12-Channel GMSL 1/2 camera port
- High synchronization accuracy: Up to 500μs-1ms synchronization accuracy, support PTP, GPS(PPS) synchronization
- High processing performance: It can build a rapid prototype of domain controller, support open data interfaces such as V4L2, Socket CAN, ROS and so on, and can directly access the original data of the sensor, quickly verify the algorithm model in the test, convenient and quick iteration and verification
- High adaptability: Adapt to mainstream sensors in the market



### PRODUCT INTRODUCTION

#### SYSTEM KERNEL

<b>Controller</b>	Intel® i9-9900K CPU support	<b>Chipset</b>	Intel® C246 platform controller
<b>Memory</b>	4* SO-DIMM slots for up to 128GB of ECC/ non-ECC DDR4 2133		
<b>Ethernet</b>	2* Gigabit Ethernet(Extensible)	<b>DisplayPort</b>	1* VGA Port, 1* DVI-D Port, 1* DP Port
<b>SerialPort</b>	4* Serial Port	<b>USB</b>	4*Gen1(5Gbps) & 4* Gen2(10Gbps)
<b>CAN/CANFD</b>	16 Channel	<b>LIN</b>	15 Channel
<b>Flexray</b>	2 Channel	<b>AudioPort</b>	1* 3.5mm Port for Microphone input & Speaker output

#### STORAGE PORT

<b>SATA</b>	2* Hot-swappable hard drive brackets for mounting 2.5" solid state disks
<b>PCI Express</b>	2* PCIe x16 slot @Gen3, 8-Lanes, 2* PCIe x8 slot @Gen3, 4-Lanes, 1* PCIe x4 slot @Gen3, 1-Lane
<b>mini-PCIe</b>	1* Full-length mini-PCIe Slots
<b>M.2</b>	1 M.2 2280 M Key slot (Gen3 PCIe4), 1 M.2 2242 B key slot

### AD STATION 3000 Series

#### PRODUCT INTRODUCTION

##### POWER SUPPLY

**DC Input** 2\*4-core plug-in terminal module with 8 ~ 35V DC input

##### MECHANICAL SPECIFICATIONS

**Size** 381 x 360 x 235(mm) **Mounting** Rack mounting

##### ENVIRONMENTAL INDICATORS

**Operating Temp** -25° C ~ 70° C **Storage Temp** -40° C ~ 85° C

**Operating Humidity** 10% ~ 90%(No Condensation)

#### APPLICATION SCENARIOS

ADAS Lab Development & Commissioning | ADAS Field Test | ADAS Road Test

#### APPEARANCE



#### SIZE

