



Je Orin Nano /NX Super  
 16GB Memory, 157 TOPS  
 8-core A78AE CPU,  
 2.0GHz  
 2  
 3 USB3.0 Type-A 1 USB3.0 Type-C  
 WiFi, , 4G/5G TPM 2.0  
 CAN , RS232/485

DC 9-36V

|              | EII-6101-A                            | EII-6101-B                     | EII-6101-C              | EII-6101-D                  |
|--------------|---------------------------------------|--------------------------------|-------------------------|-----------------------------|
|              | Orin Nano Super                       | Orin Nano Super                | Orin NX Super           | Orin NX Super               |
|              | 4GB                                   | 8GB                            | 8GB                     | 16GB                        |
| <b>CPU</b>   | 6-core A78AE<br>1.7 GHz               | 6-core A78AE<br>1.7 GHz        | 6-core A78AE<br>2.0 GHz | 8-core A78AE<br>2.0 GHz     |
| <b>NPU</b>   | 34 TOPS                               | 67 TOPS                        | 117 TOPS                | 157 TOPS                    |
|              | Ubuntu22.04                           |                                |                         |                             |
| <b>USB</b>   | 3 x USB3.0 Type-A                     |                                | 1 x USB3.0 Type-C       | OTG                         |
| <b>I/O</b>   | 2 x CAN<br>CAN 1 24V                  | 2 x RS232<br>1x28pin           | 5 x RS485<br>1x12pin    | 1 RS232<br>4 RS485<br>1 CAN |
| <b>LED</b>   | 4 x LED                               | 1x                             | 1x                      | 2x                          |
| <b>GPU</b>   | NVIDIA Ampere GPU                     |                                |                         |                             |
|              | 1 x HDMI2.1, Up to 4096 x 2160 @ 60Hz |                                |                         |                             |
|              | 1 x 256G SSD (512G/1T)                |                                |                         |                             |
|              | 2 x M12                               | 10/100/1000Mbps                |                         |                             |
|              | 1 x WiFi5/6                           | station/AP                     | 1 x 4G/5G               |                             |
|              | 9~36V DC IN                           |                                |                         |                             |
|              | Ubuntu22.04 (Jetpack6.2)              |                                |                         |                             |
| <b>TPM</b>   | 255                                   |                                | /                       |                             |
| <b>Debug</b> | TPM 2.0                               |                                |                         |                             |
|              | 1 x TLL                               |                                |                         |                             |
|              | -25~60                                | (-13~140 °F) w/ 0.7m/s airflow |                         |                             |
|              | -40~85                                | (-40~185 °F)                   |                         |                             |
|              | 10%~90%                               |                                |                         |                             |
|              | SSD                                   | 15G@11ms                       |                         |                             |
|              | SSD                                   | 2Grms@5~500Hz, IEC 60068-2-64  |                         |                             |
|              | 130                                   | *125                           | *50                     | mm                          |

