

TECHNICAL SPECIFICATIONS

Module Compatibility	Jetson Orin NX Super Jetson AGX Orin
Weight	3.80kg
Supply Voltage	9V-60V
Ethernet	2 x 1GBase-T, 1 x 10GBase-T
Graphics Interface	1 x HDMI 2.0 (max resolution 3840 x 2160 30 fps)
USB	2 x USB 3.2
*Camera	4 x GMSL2/ 2 x SDI
PCIe	1 x M.2 M Key NVMe SSD 1 x M.2 B Key LTE/5G 1 x M.2 E Key 1 x Mini PCIe/Oculink
Debug	1 x RS232 For Debug
UART	2 x RS232/RS485
CAN	2 x Non-isolated CAN 2.0
RTC Battery	2-Pin RTC Battery On Board
External Voltage Output	1 x Battery Output Power 1 x 12V/1A 1 x 3V3/1A 1 x 5V0/1A
Mobile Working Time	180 minute (On Board Charging)
Battery	2 x LiFeO4 8000mAh Hot Swap Package
Battery Protection	Over-Current, Short-Circuit, Over-Temperature, Undervoltage, Balancing
Operating Systems	Ubuntu Linux 20.04 / 22.04
JetPack Support	JetPack 4.x / 5.x / 6.x
Operating Temperature	-40 °C...70 °C

* Manufacture custom option please contact us

Preview



Features

- Wide Operating Supply Voltage 9.0V-60.0V
- Support 2 x GbE, 1 x 10GbE 1 x USB 3.2, RS232/RS485, CAN-BUS
- Full Module Support 1 x M.2 M Key SSD, 1 x M.2 E Key, 1 x M.2 B Key, 1 x Mini PCIe/Oculink
- Support GMSL2 or SDI Camera Port
- Integrated Hot Swap Smart Battery with On Board Charging
- Mobile 180 Minute Working Time With 2 x LiFeO4 8000 mAh Battery Package
- Operating Temperature Range -40 °C...70 °C



Autonomous Vehicles



Robotics Systems



Industrial Automation



Marine Systems



Energy Systems



Surveillance