

## Y-C6-DEV datasheet

### Product brief introduction

Y-C6-DEV is a Plink AI development system powered by the Jetson Xavier™ NX module. The whole board adopts wide temperature models. The main interface is designed for static electricity safety protection, and adopts high reliability power supply application scheme. The input power supply has functions of overvoltage and reverse polarity protection, and has abundant external interfaces. It can also be equipped with hundreds of functional modules through two MiniPCIe connectors (including USB2.0 and PCIe X1 signals) to achieve further expansion of system functions. It can also be extended to 4 full-speed USB3.0 signals, 4 GIGABit network signals, and 2 full-speed SATA signals. It can also be equipped with 4G communication modules, various formats of video acquisition/output cards, AD acquisition cards, multi-serial port cards, sound acquisition/output cards, and multi-function IO cards...

### Product parameters

- 1 x USB3.1 TypeA
- 1 x Micro USB
- 1 x (10/100/1000 BASE-T) RJ45
- 1 x HDMI 2.0
- 1 x CR1220 RTC Battery
- 1 x micro SD, 1 x Nano SIM , 2 x MiniPCIe
- 2 x 2 Lane MIPI , 1 x CAN
- 2 x RS-232, 1x3.3V Debug (UART)
- 3 x 3.3V GPIO, 1x3.3V GPO
- 1 x 3.3V SPI, 2 x 3.3V I2C
- Anti falling off interface design
- 1 x 30pin 2.0mm Multifunctional interface design (GPIO, I2C, SPI, USB, RS-232)
- Power on self start
- Size: 120mm×80mm×35 mm
- Adapter: AC to DC /220V to +12V 5A
- Temperature: -25~+80℃
- **Support the official system without changing the kernel**



Order model	description	Heat dissipation mode
Y-C6-DEV-01	Jetson Xavier NX module inside	Active