



FEATURES

- Nvidia Jetson Nano based Module
- ARM Cortex A57(Quad Core Processor).
- Onboard LPDDR4 1600MHz 4GB.
- HDMI, DP, Edp.
- 1 * RJ45 LAN.
- 1 * SD Card Slot.
- 4 * USB 3.0 Gen1.
- 5V DC-In Jack

JN-18001	
GPU	R NVIDIA Maxwell™ architecture with 128 NVIDIA CUDA® cores 0.5 TFLOPS (FP16)
CPU	Quad-core ARM® Cortex®-A57 MPCore processor
RAM	4 GB LPDDR41600 MHz – 25.6 GB/s
STORGAE	16 GB eMMC 5.1
VIDEO ENCODING	250 MP/s,1x 4K @ 30 (HEVC),2x 1080p @ 60 (HEVC),4x 1080p @ 30 (HEVC)
VIDEO DECODING	500 MP/s,1x 4K @ 60 (HEVC),2x 4K @ 30 (HEVC),4x 1080p @ 60 (HEVC) 8x 1080p @ 30 (HEVC)
CAMERA	12 lanes (3x4 or 4x2) MIPI CSI-2 D-PHY 1.1 (18 Gbps)
NETWORKING	Wi-Fi requires external chip
DISPLAY	eDP 1.4 DSI (1 x2) 2 simultaneous, eDP (1920 x 1080), LVDS 1600 x 1200
UPHY	1x1/2/4 PCIE、1 * USB 3.0、3 * USB 2.0
IO	3 * UART、2 * SPI、2 * I2S、4 * I2C, GPIO
HDMI	1
DP	1
USB	4 * USB 3.0 Gen1 ports
ETHERNET	1 * RJ-45 LAN ports
POWER	5V DC-in jack
MODULE CARD HOLDER	1
SD CARD	1
M.2	1*M-key interface
GPIO	40Pin GPIO Expansion Interface
FAN INTERFACE	1* 1.25mm fan Interface, 1 *2.54mm fan interface
POE PIN	1
CAMERA INTERFACE	2-way MIPI CSI camera interface
CERTIFICATIONS	CE, FCC
WARRANTY	1 Year