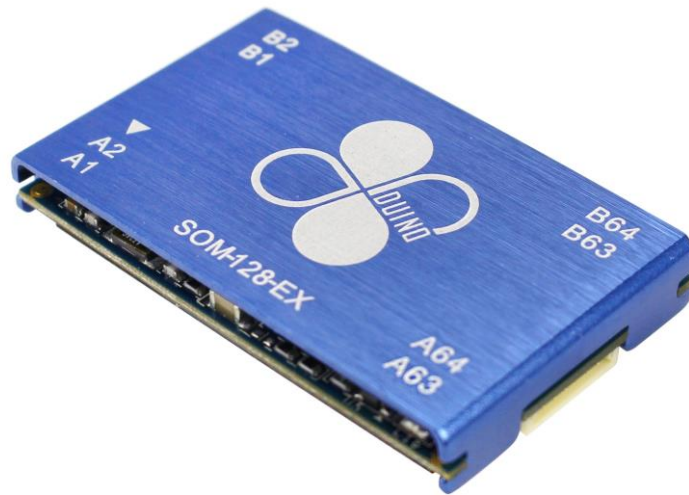




An open-source embedded platform based on Vortex86EX SoC

86DUINO BOARD DataSheet Vortex86EX SOM-128-EX



Feature

- Vortex86EX- 300MHz
- Onboard 128MB/1G Industrial-Grade DDR
- Onboard 8MB SPI Flash Disk
- Ethernet MAC + PHY
- SATA Interface
- PCI-E Control Interface
- PCI-E Target Interface
- ADC Channel x 8
- USB 2.0 Port
- DMA Controller
- Interrupt Controller

- MTBF Counter
- xISA Bus Interface
- COM x 10 Ports
- GPIO x 80 bits
- 80 Pin selectable multi I/O

COM with TX/RX only

RS485 Auto Direction

SPI 1 or 2

Parallel Port

SD/eMMC

I2C, CAN, PS/2

Ethernet LED

Clock Out WatchDog

HD Audio

MCM (Motion Control Module)

- Support DOS, Linux, Windows Compact 7.0, QNX and VxWorkx