

# OpenBlocks A Family Spec Sheet

OpenBlocks AX3

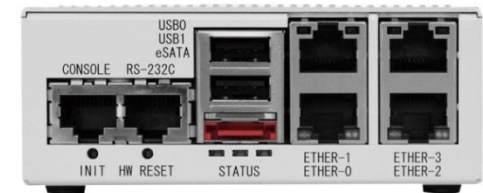
OpenBlocks A6



# OpenBlocks AX3

## Specifications

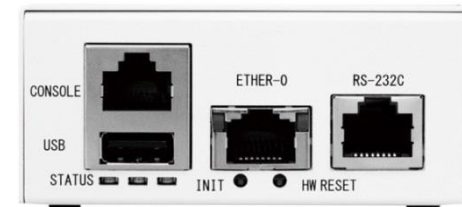
Product name		OpenBlocks AX3		OpenBlocks AX3 Developer's Edition
Model number		OBSAX3EN/4/x	OBSAX3EN/2	OBSAX3E/4/DP
CPU		Marvell ARMADA XP 1.33GHz Dual-core		
Memory		Onboard 1GB (DDR3)		
	SO-DIMM I/F	1 (up to 2GB)	n/a	1 (2GB)
Flash ROM		128MB (NOR)		
Internal storage *1 I/F		1 (2.5-inch or Half-Slim SATA)		
Internal I/O *2	JTAG	1	1	1
	Mini PCI Express	1	n/a	1
External I/O *2	1000BASE-T *2	4	2	4
	eSATA	1	1	1
	USB 2.0	2	2	2
	RS232C	2	2	2
	Power consumption (idle/under high load) *3	10.0 W / 13.0 W	9.0 W / 12.0W	10.0 W / 13.0 W
Maximum ambient operating temperature		0 - 45 °C		
OS		Debian GNU/Linux 6.0		



# OpenBlocks A6

## Specifications

Product name	OpenBlocks A6 Developer's Edition	
Model number	OBSA6E/DP	
CPU	Marvell ARMADA 310 600MHz	
Memory	Onboard 512MB (DDR2)	
Flash ROM	64MB (NAND)	
Internal storage *1	I/F	1 (2.5-inch or Half-Slim SATA)
Internal I/O *2	JTAG	1
External I/O *2	1000BASE-T *2	1
	GPIO	8-bit
	USB 2.0	1
	RS232C	2
Power consumption (idle/under high load) *3	4.5 W / 5.5 W	
Maximum ambient operating temperature	0 - 55 °C	
OS	Debian GNU/Linux 6.0	



- \*1. It is not guaranteed the compatibility and/or connection of other company products.
- \*2. Support Auto MDI/MDI-X.
- \*3. Measured at CPU100% by stress command with linked up all Ethernet port. Not in use of additional devices such as SSD/SO-DIMM etc.

