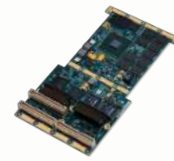


NXP QorIQ ARM Products

XPedite6370



XPedite6401



General Information

Form Factor	Conduction- or Air-Cooled 3U VPX	Conduction-Cooled XMC/PMC
Processor*	LS2044A LS2048A LS2084A LS2088A	LS1023A LS1043A LS1048A LS1088A
SDRAM	Up to 16 GB DDR4-2100	Up to 16 GB DDR4-2100 (LS1088A) Up to 8 GB DDR4-1600 (LS1043A)
NOR Flash	Up to 256 MB	Up to 256 MB
NAND Flash	Up to 32 GB	Up to 16 GB
Mezzanine(s)	XMC/PMC	-
Mezzanine I/O to BP	X12d, subset of P64s	-
Ethernet	1x 10GbE XAUI or 4x 10GBASE-KR to Fat Pipe P1 2x SerDes Gigabit Ethernet Thin Pipe P1 1x 10/100/1000BASE-T to P1 1x 10/100/1000BASE-T to P2	2x 10/100/1000BASE-T to P14 2x 10/100/1000BASE-T to P16 2x 10GBASE-KR to P16 2x 1000BASE-X to P16
PCIe	x2 PCIe XMC 1x x4 PCI Express to VPX	x1 PCIe Gen2 XMC (LS1043A) x4 PCIe Gen3 XMC (LS1088A)
USB	2x 2.0 ports	2x 2.0 ports 1x 3.0 ports
SATA 6 Gb/s	2	1
Serial	4x RS-232/422/485	2x RS-232/422/485
Software**	L, V, G	L, V, G
Dimensions	100 mm x 160 mm 0.8", 0.85", and 1.0" Pitch	149 mm x 74 mm 10 mm Stacking Height
Status	Coming Soon	Prototype

*Processor Information

Processor	LS1023A	LS1043A	LS1048A	LS1088A	LS2044A	LS2048A	LS2084A	LS2088A
Core Type	ARMA53	ARMA53	ARMA53	ARMA53	ARMA72	ARMA72	ARMA72	ARMA72
Number of Cores	2	4	4	8	4	4	8	8
Max Frequency	1.6GHz	1.6GHz	1.8 GHz	1.8GHz	2.0GHz	2.0GHz	2.0GHz	2.0GHz

**Software Information

L = Linux BSP
V = Wind River VxWorks BSP
G = Green Hills INTEGRITY-178 BSP