

	ZU2EG	ZU3EG	ZU4EG	ZU5EG	ZU6EG	ZU7EG	ZU9EG	ZU11EG	ZU15EG	ZU17EG	ZU19EG
Application Processing Unit	Quad-core Arm Cortex-A53 MPCore with CoreSight; NEON & Single/Double Precision Floating Point; 32KB/32KB L1 Cache, 1MB L2 Cache										
Real-Time Processing Unit	Dual-core Arm Cortex-R5 with CoreSight; Single/Double Precision Floating Point; 32KB/32KB L1 Cache, and TCM										
Embedded and External Memory	256KB On-Chip Memory w/ECC; External DDR4; DDR3; DDR2; LPDDR4; LPDDR3; External Quad-SPI; NAND; eMMC										
General Connectivity	214 PS I/O; UART; CAN; USB 2.0; I2C; SPI; 32b GPIO; Real Time Clock; WatchDog Timer								Triple Timer Counters		
High-Speed Connectivity	4 PS-GTR; PCIe Gen1/2; Serial ATA 3.1; DisplayPort 1.2; USB 3.0; SD/MMC										
Graphic Processing Unit	Arm Mali™ -400 MP2; 64KB L2 Cache										
System Logic Cells	103,320	154,350	192,150	256,200	469,446	504,000	599,550	653,100	746,550	926,194	1,143,450
CLB Flip-Flops	94,464	141,120	175,680	234,240	429,208	460,800	548,160	597,120	682,560	846,806	1,045,440
CLB LUTs	47,232	70,560	87,840	117,120	214,604	230,400	274,080	298,560	341,280	423,403	522,720
Distributed RAM (Mb)	1.2	1.8	2.6	3.5	6.9	6.2	8.8	9.1	11.3	8.0	9.8
Block RAM Blocks	150	216	128	144	714	312	912	600	744	796	984
Block RAM (Mb)	5.3	7.6	4.5	5.1	25.1	11.0	32.1	21.1	26.2	28.0	34.6
UltraRAM Blocks	0	0	48	64	0	96	0	80	112	102	128
UltraRAM (Mb)	0	0	13.5	18.0	0	27.0	0	22.5	31.5	28.7	36.0
DSP Slices	240	360	728	1,248	1,973	1,728	2,520	2,928	3,528	1,590	1,968
CMTs	3	3	4	4	4	8	4	8	4	11	11
Max. HP I/O ⁽¹⁾	156	156	156	156	208	416	208	416	208	572	572
Max. HD I/O ⁽²⁾	96	96	96	96	120	48	120	96	120	96	96
System Monitor	2	2	2	2	2	2	2	2	2	2	2
GTH Transceiver 16.3Gb/s ⁽³⁾	0	0	16	16	24	24	24	32	24	44	44
GTY Transceivers 32.75Gb/s	0	0	0	0	0	0	0	16	0	28	28
Transceiver Fractional PLLs	0	0	8	8	12	12	12	24	12	36	36
PCIe Gen3 x16	0	0	2	2	0	2	0	4	0	4	5
150G Interlaken	0	0	0	0	0	0	0	1	0	2	4
100G Ethernet w/ RS-FEC	0	0	0	0	0	0	0	2	0	2	4