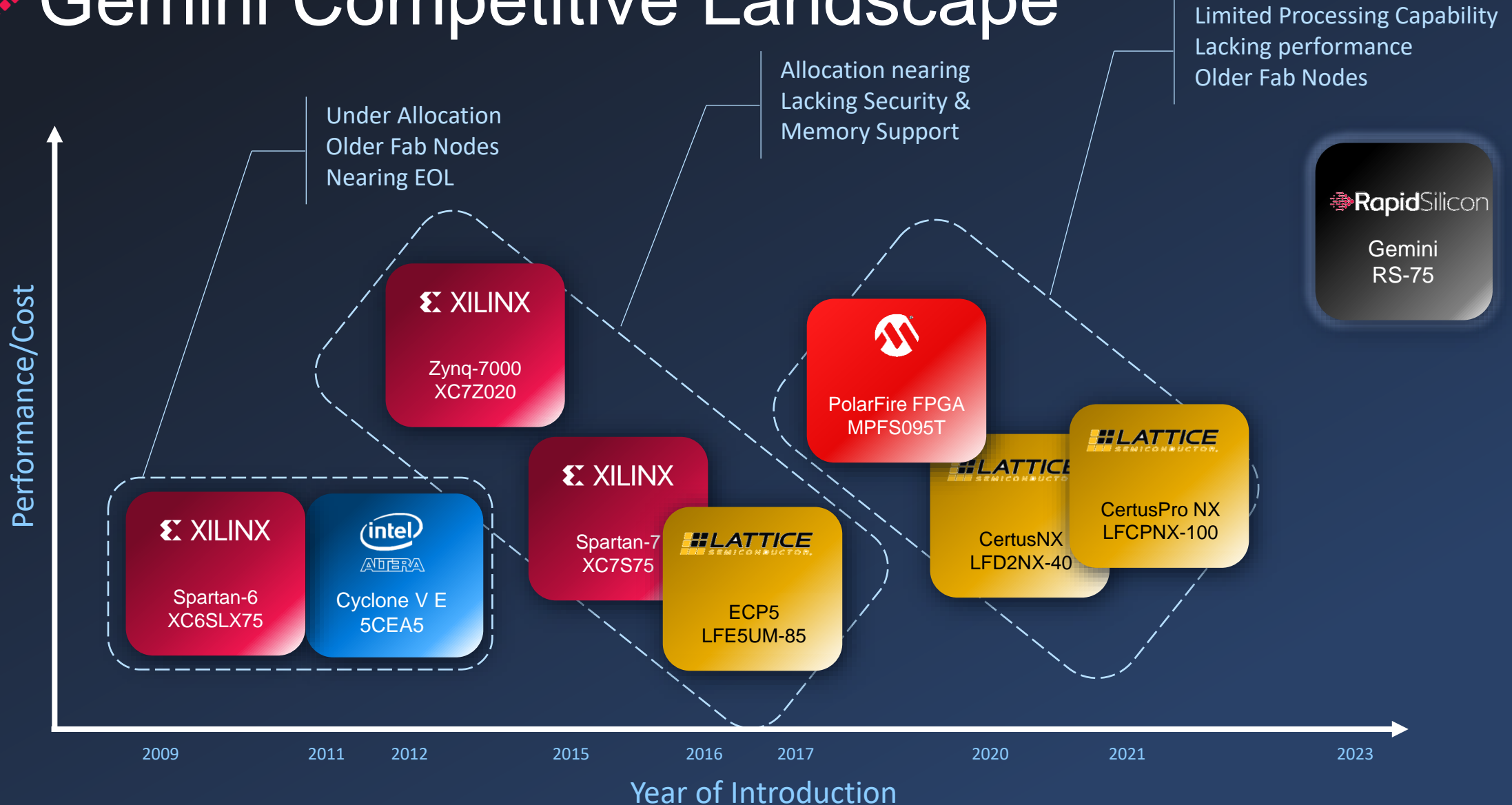


Competitive Landscape



GEMINI

Gemini Competitive Landscape





Gemini Family - FPGA Competitive Landscape

	Rapid Silicon	AMD (Xilinx)		Intel (Altera)	Lattice		Microsemi	Efinix
Product	Gemini	Spartan-6	Spartan-7	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2	Trion
Introduction Date	2023	2009	2015	2011	2020	2021	2012	2018
Tech Node (nm)	16	45	28	TSMC 28LP	28	28	65	SMIC 40LL
LUT Structure	LUT-6	LUT-6	LUT-6	ALM-8	LUT-4	LUT-4	LUT-4	LUT-4 + Adder
Embedded Memory	256KB OCM + 36Kb BRAM	18Kb BRAM	36Kb BRAM	10Kb M10K 640b MLAB	18Kb EBR 512KB LRAM	18Kb EBR 512KB LRAM	18Kb LSRAM 1Kb uSRAM 32KB eSRAM	5Kb SRAM
Signal Processing								
Processor Core (Soft)								
Processor Core (Hard)								
Hard NOC								
Logic Fabric Speed (MHz)								
DDR SDRAM Support								
DDR SDRAM Performance								
Transceivers								
Max. I/O Count								



Gemini Family - SoC Competitive Landscape


	Rapid Silicon	AMD (Xilinx)			Intel (Altera)		Lattice	Microsemi		
Product	Gemini	Zynq 7000S	Zynq-7000	Zynq-7000	Arria V (SX)	Cyclone-V (SX)		SmartFusion 2	PolarFire SoC	
Introduction Date	2023	2018	2011	2011	2013	2012		2012	(TBF)	
Part	RS-75	Z-7014S	Z-7015	Z-7020		5CSXC4		M2S090	MPFS095T	
Logic Elements (k)	76	65	74	85		40		86	93	
Tech Node (nm)										
Processor Core (Hard)										667
Hard NOC										
Logic Fabric Speed (MHz))
DDR SDRAM Support										
DDR SDRAM Performance										
Transceivers										
Max. I/O Count										



Gemini – Resource Comparison @ 50K LE

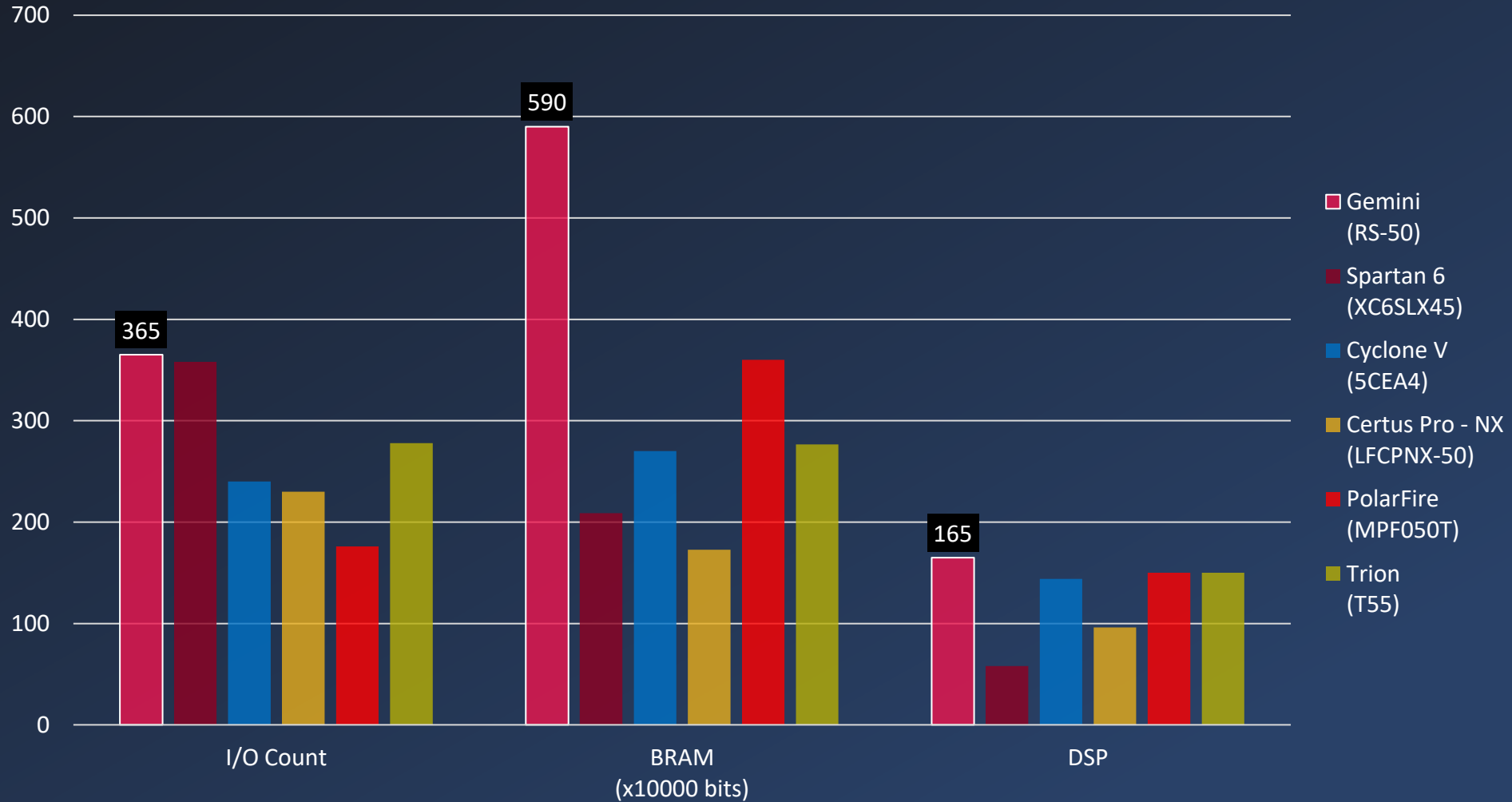
	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix	
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2		PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2011	2020	2021	2012	2012	2017	2018
Part	RS-50	XC6SLX45	XC7S50	XC7Z014S	5CEA4	LFD2NX-40	LFCPNX-50	M2S050	M2S060	MPF050T	T55
Logic Elements (k)	50.7	44	52	65	49	39	52	56	56	48	54
BRAM Size (Mb)											
BRAM Block Size											
Additional Embedded Memory											
DSP											
Multipliers											
Transceiver Count											
Transceiver Speed											
Total Transceiver Bandwidth											

Gemini – I/O Comparison @ 50K LE

	Rapid Silicon	AMD Xilinx			Intel Altera	Lattice		Microsemi			Efinix
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2		PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2011	2020	2021	2012	2012	2017	2018
Part	RS-50	XC6SLX45	XC7S50	XC7Z014S	5CEA4	LFD2NX-40	LFPCPX-50	M2S050	M2S060	MPF050T	T55
Logic Elements (k)	50.7	44	52	65	49	39	52	56	56	48	54
Max I/Os											
Max HVIO (3.3V)											
Max HPIO (1.8V)											
I/O per mm²											
I/O per kLE											
Max LVDS Rate											
Smallest Pkg											
Largest Pkg											
I/O Voltage											
				(HPIO)		(WRIO)					



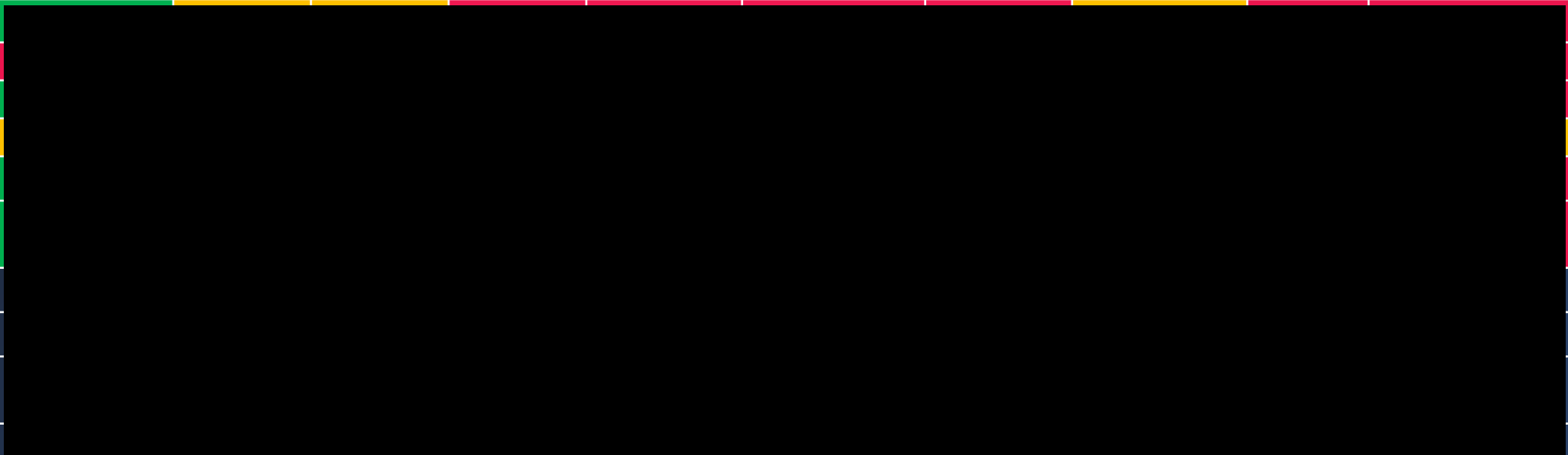
Gemini – Resource Comp. Chart @ 50K LE



Gemini – Resource Comparison @ 75K LE

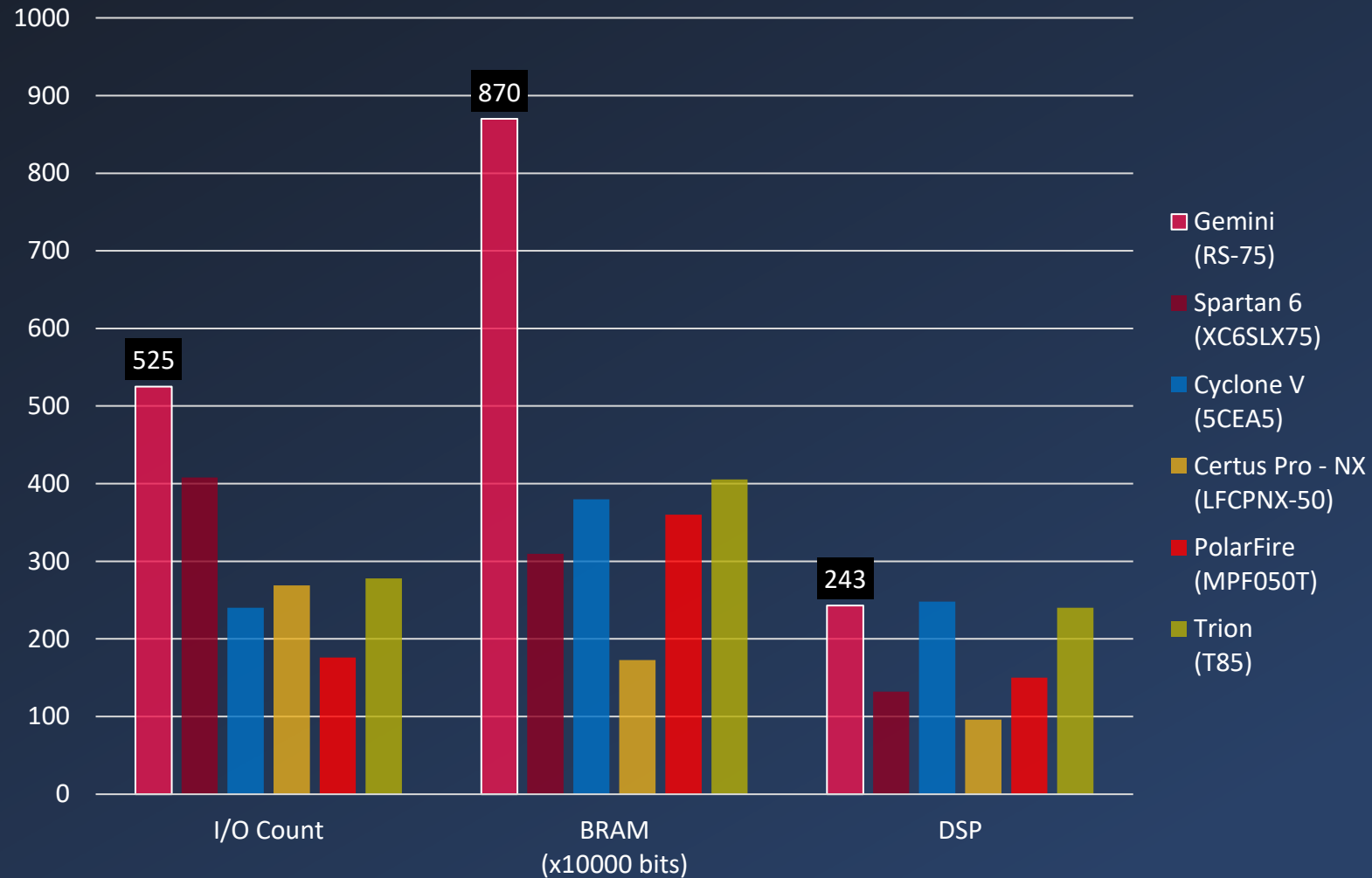
	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2011	2020	2021	2012	2017	2018
Part	RS-75	XC6SLX75	XC7S75	XC7Z020	5CEA5	LFD2NX-40	LFCPNX-50	M2S090	MPF050T	T85
Logic Elements (k)	76	74	77	85	77	39	52	86	48	84
BRAM Size (Mb)										
BRAM Block Size										
Additional Embedded Memory										
DSP										
Multipliers										
Transceiver Count										
Transceiver Speed										
Total Transceiver Bandwidth										

Gemini – I/O Comparison @ 75K LE

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2011	2020	2021	2012	2017	2018
Part	RS-75	XC6SLX75	XC7S75	XC7Z020	5CEA5	LFD2NX-40	LFCPNX-50	M2S090	MPF050T	T85
Logic Elements (k)	76	74	77	85	76	39	52	86	48	84
Max I/Os										
Max. HVIO (3.3V)										
Max. HPIO (1.8V)										
I/O per mm²										
I/O per kLE										
Max LVDS Rate										
Smallest Pkg										
Largest Pkg										
Lgst Package Area (mm²)										
I/O Voltage										
	1.2 - 3.3 V	(HRIO)	(HRIO)	1.2 - 3.3 V	1.2 - 3.3 V	1.2 - 3.3 V (WRIO)	(TBD)	1.2 - 3.3 V	1.2 - 3.3 V	1.2 - 3.3 V



Gemini – Resource Comp. Chart @ 75K LE





Gemini – Resource Comparison @ 100K LE

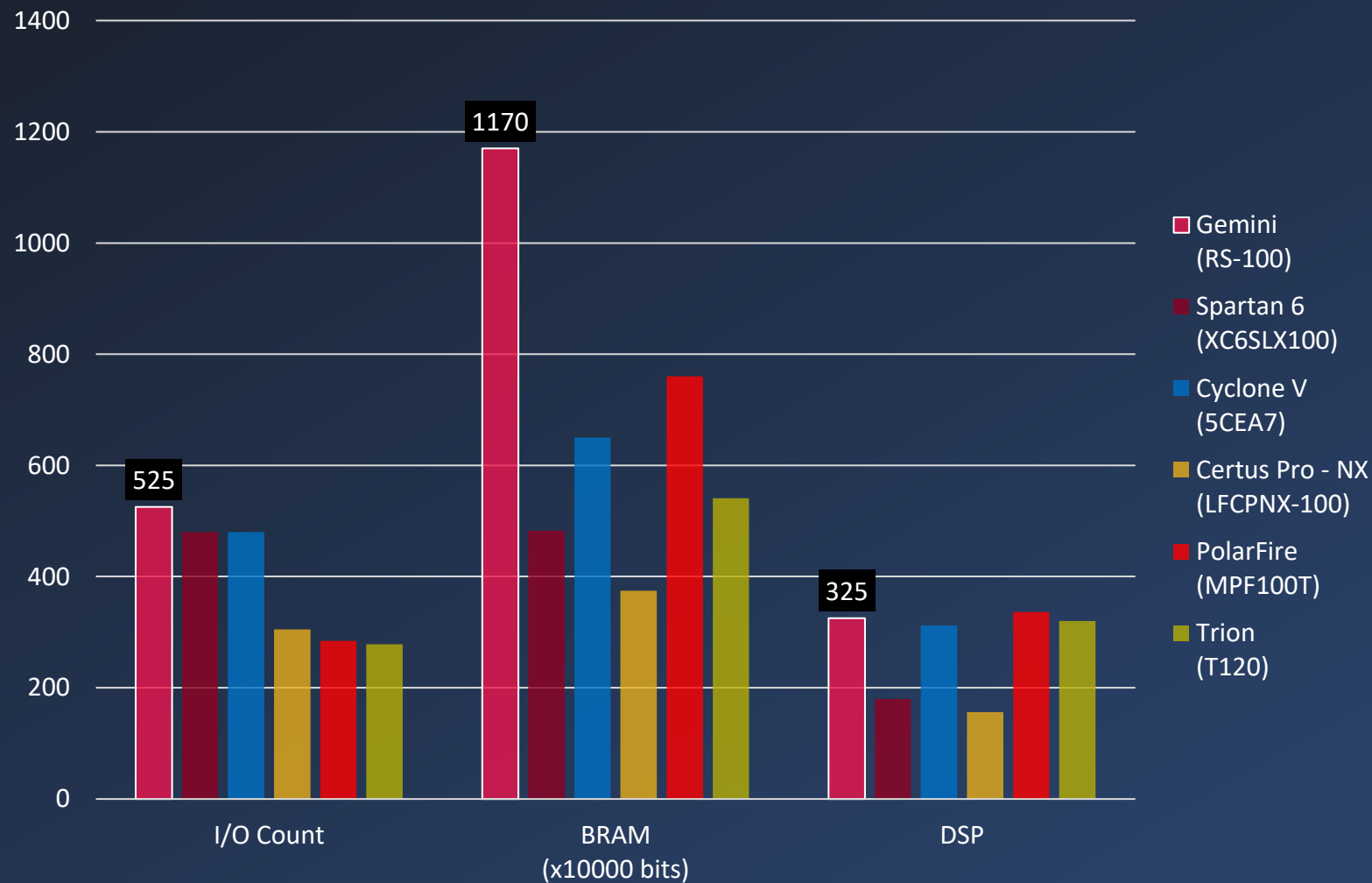
	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2024	2009	2015	2012	2011	2020	2021	2012	2017	2018
Part	RS-100	XC6SLX100	XC7S100	XC7Z030	5CEA7	LFD2NX-40	LFCPNX-100	M2S090	MPF100T	T120
Logic Elements (k)	101.3	100	100	125	156	39	96	86	109	112
BRAM Size (Mb)										
BRAM Block Size										
Additional Embedded Memory										
DSP										
Multipliers										
Transceiver Count										
Transceiver Speed										
Total Transceiver Bandwidth										

Gemini – I/O Comparison @ 100K LE

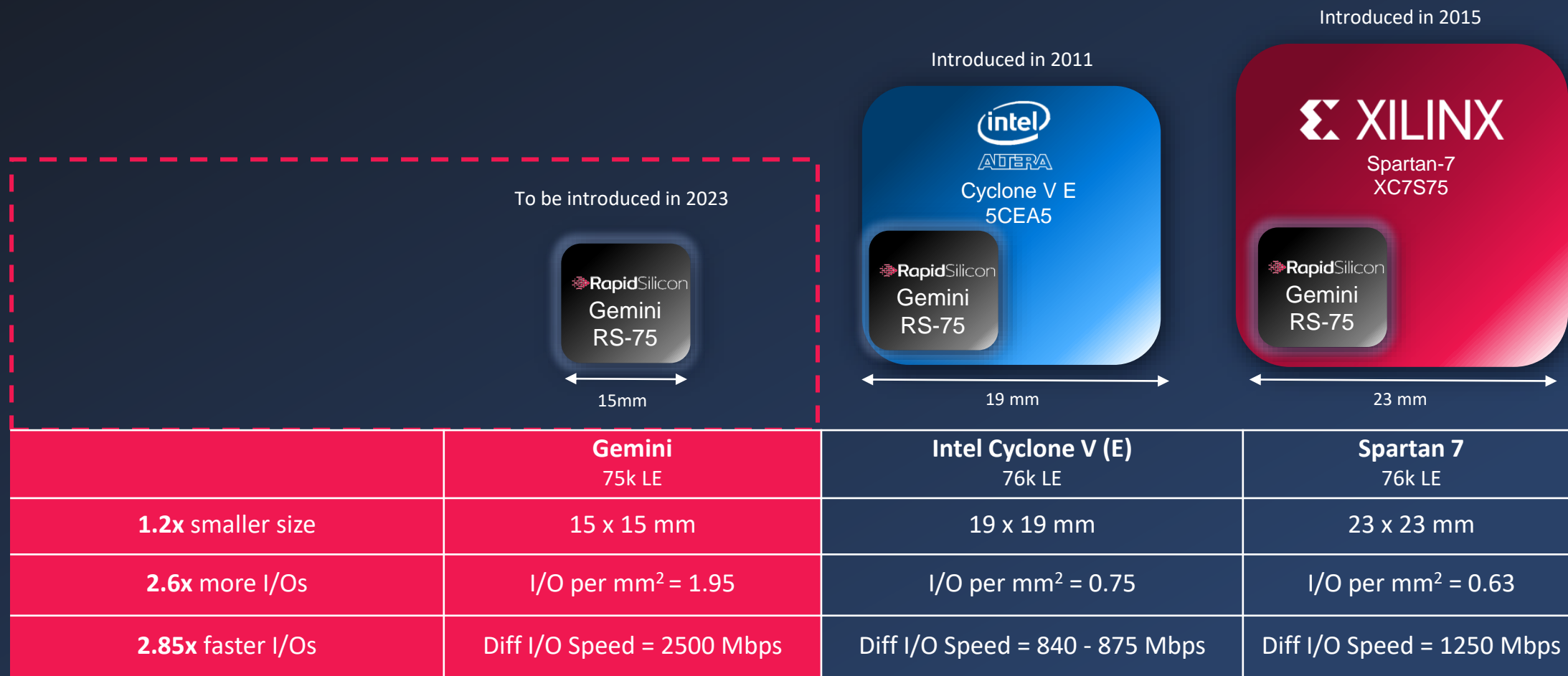
	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V E	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2011	2020	2021	2012	2017	2018
Part	RS-100	XC6SLX100	XC7S100	XC7Z030	5CEA7	LFD2NX-40	LFCPNX-100	M2S090	MPF100T	T120
Logic Elements (k)	101.3	100	100	125	156	39	96	86	109	112
Max I/Os										
Max. HVIO (3.3V)										
Max. HPIO (1.8V)										
I/O per mm ²										
I/O per kLE										
Max LVDS Rate										
Smallest Pkg										
Largest Pkg										
Lgst Package Area (mm ²)										
I/O Voltage										



Gemini – Resource Comp. Chart @ 100K LE



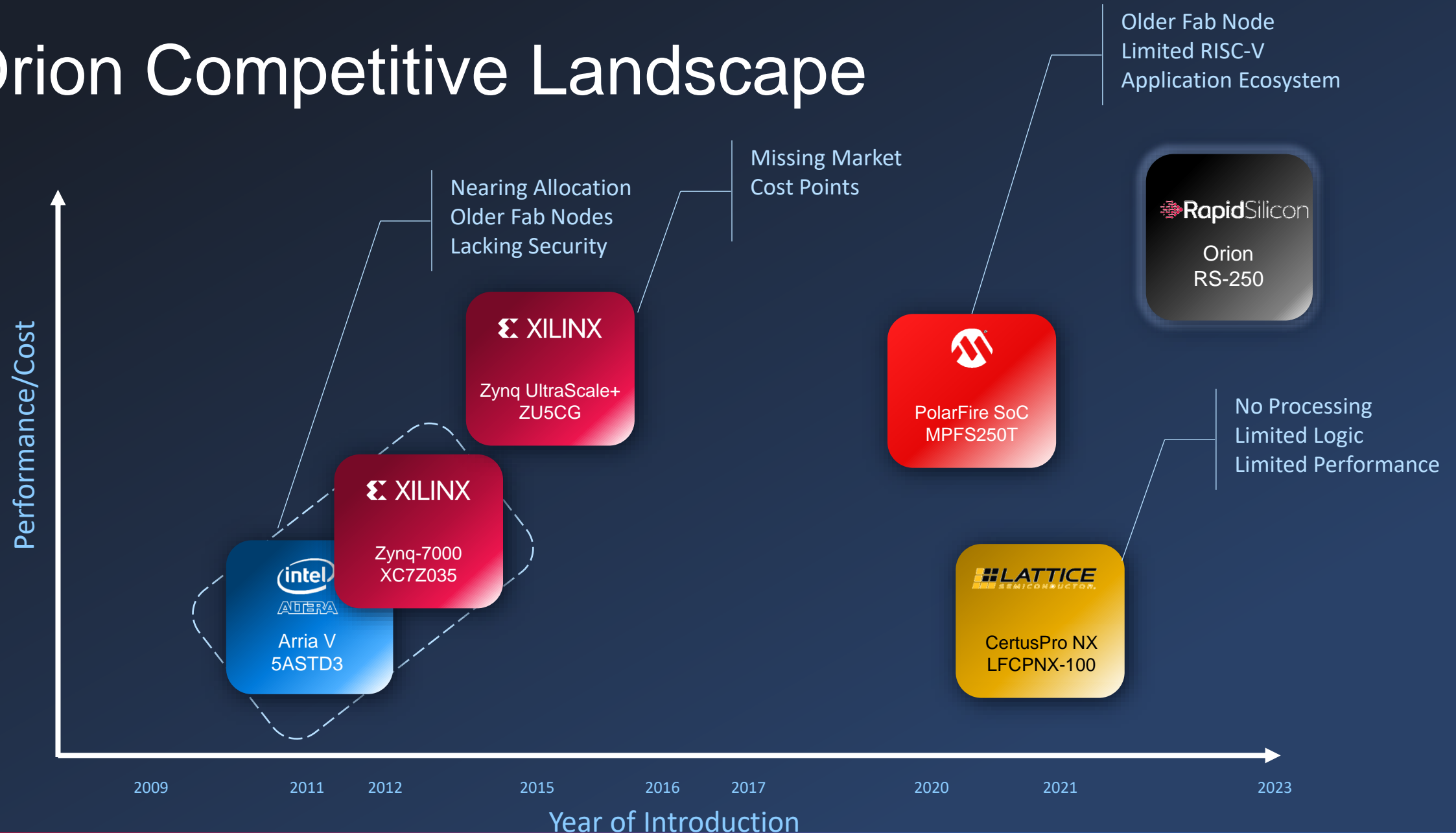
Gemini – Competitive Comparison





ORION

Orion Competitive Landscape



Orion Competitive Landscape

	Rapid Silicon	AMD (Xilinx)		Intel (Altera)			Microchip	Lattice
Product	Orion	Zynq Ultrascale+	Zynq-7000	Sundance Mesa (Perf. Optimized)	Sundance Mesa (Power Optimized)	Arria V	PolarFire SoC	CertusPro-NX
Introduction Date	2023	2013	2011			2011	2019	2021
Part	RS-250	ZU5CG	Z-7035			5ASTD3	MPFS250T	LFCPNX-100
Logic Elements (k)	250	256	275	138 – 656k		350	254	96
Tech Node (nm)								
Processor Core (Hard)								
Hard NOC								
Logic Fabric Speed (MHz)								
DDR SDRAM Support								
DDR SDRAM Performance								
Transceivers								
PCIe Hard IP								
Max. I/O Count								



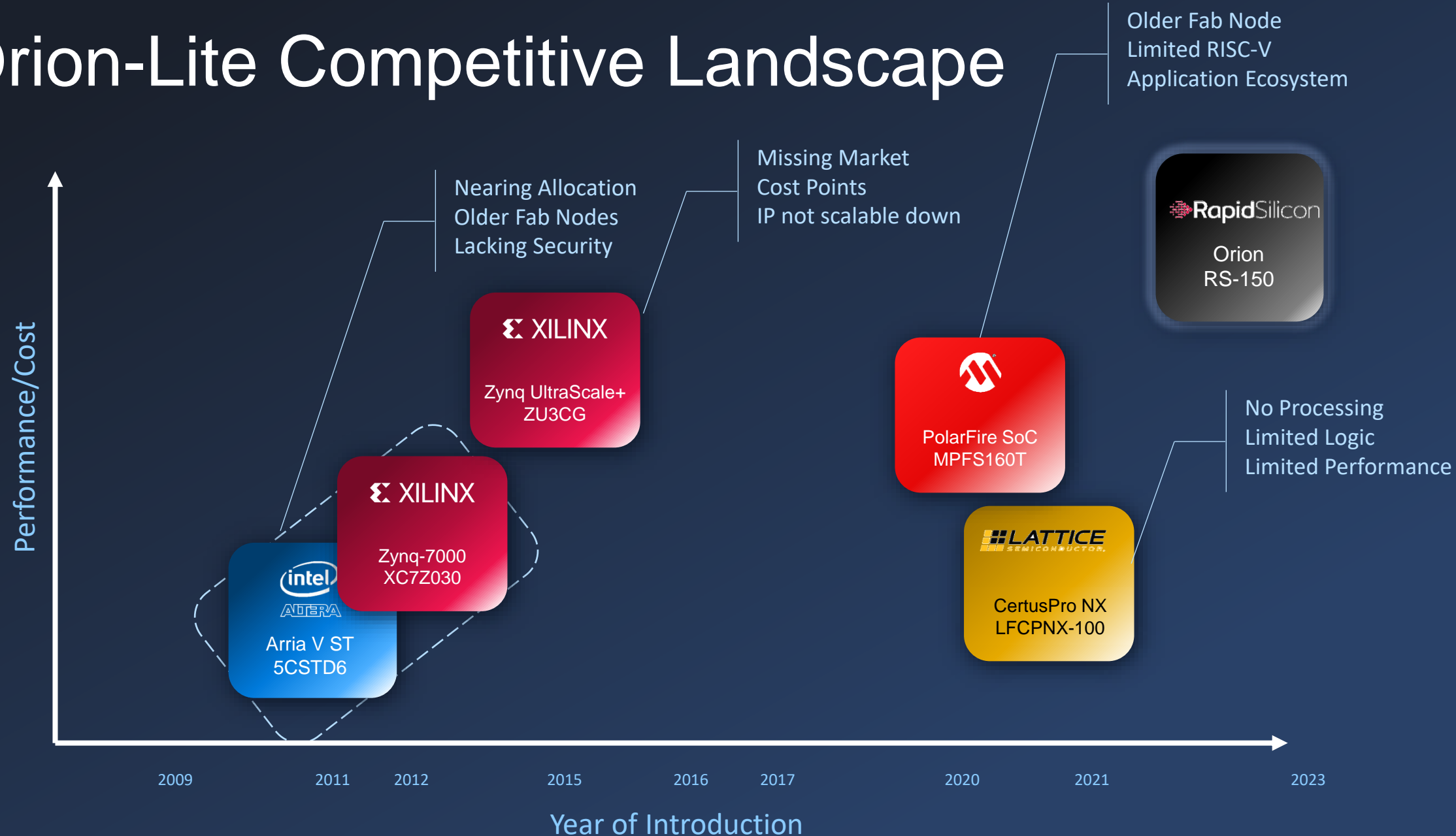
Orion - I/O Comparison

	Rapid Silicon	AMD (Xilinx)		Intel (Altera)	Microchip	Lattice	Efinix
Product	Orion	Zynq Ultrascale+	Zynq-7000	Arria V	PolarFire SoC	CertusPro-NX	Trion
Introduction Date	2023	2013	2011	2011	2019	2021	
Part	RS-250	ZU5CG	Z-7035	5ASTD3	MPFS250T	LFCPNX-100	T120
Logic Elements (k)	250	256	275	350	254	96	112
Max. IOs							
Max. PS IOs (MIO + DDRIO)							
Max. HVIO (3.3V)							
Max. HPIO (1.8V)							
I/O per mm2							
I/O per kLE							
Max LVDS Rate							
Total Transceiver Count							
Total Transceiver Bandwidth							
Smallest Pkg							
Largest Pkg							



ORION-LITE

Orion-Lite Competitive Landscape



Orion-Lite Competitive Landscape

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Microchip	Lattice
Product	Orion-lite	Zynq Ultrascale+		Zynq-7000	Cyclone-V ST	PolarFire SoC	CertusPro-NX
Introduction Date	2024	2013	2022	2010	2011	2019	2021
Part	RS-150	ZU3CG	ZU3TCG	Z-7030	5CSTD6	MPFS160T	LFCPNX-100
Logic Elements (k)	150	154	157	125	110	161	96
Tech Node (nm)							
Processor Core (Hard)							
Hard NOC							
Logic Fabric Speed (MHz)							
DDR SDRAM Support							
DDR SDRAM Performance							
Transceivers							
PCIe Hard IP							
Max. I/O Count							



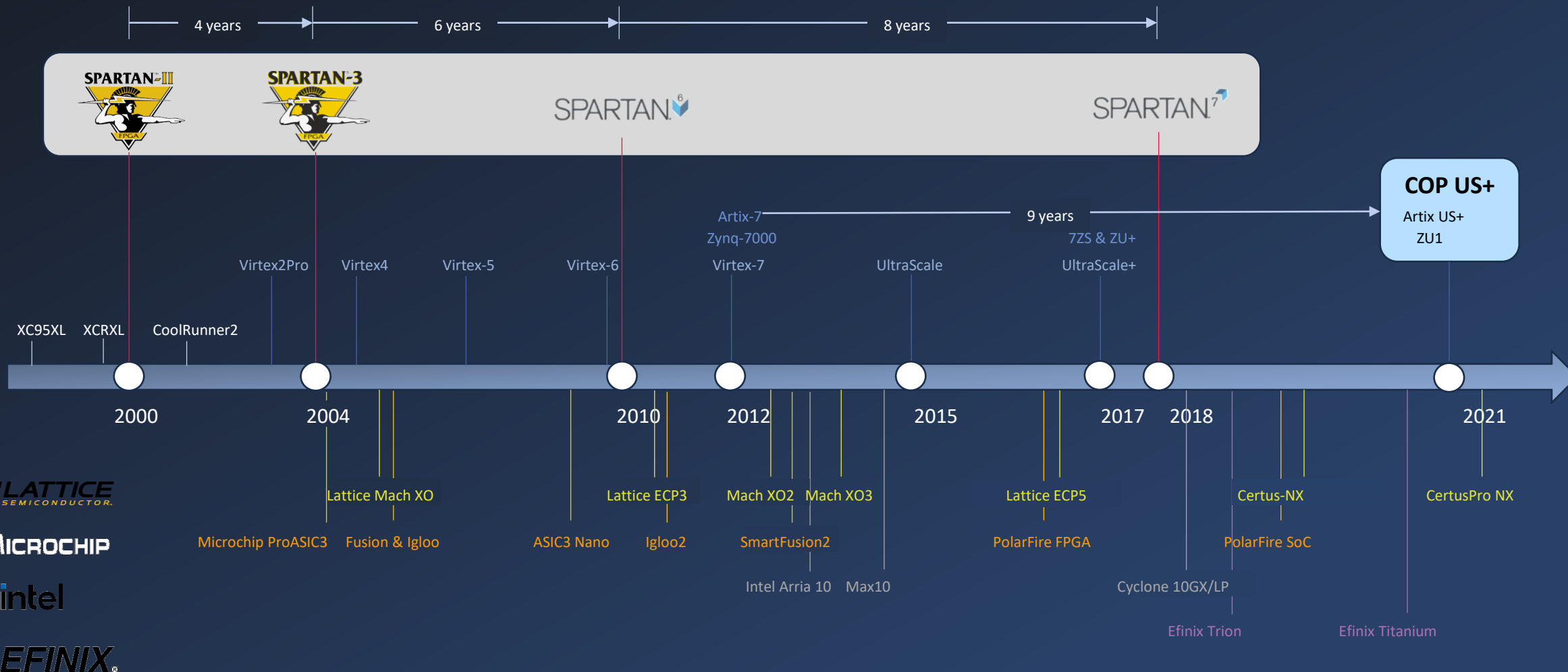
Orion-Lite I/O Comparison

	Rapid Silicon	AMD (Xilinx)				Intel (Altera)	Microchip	Lattice	Efinix
Product	Orion-Lite	Zynq Ultrascale+			Zynq-7000	Cyclone-V	PolarFire SoC	CertusPro-NX	Trion
Introduction Date		2013	2022	2013	2010	2011	2019	2021	
Part		ZU3CG	ZUTCG	ZU4CG	Z-7030	5CSTD6	MPFS160T	LFCPNX-100	T120
Logic Elements (k)		154	157	192	125	110	161	96	112
Max. IOs	<div></div>								
Max. PS IOs (MIO + DDRIO)									
Max. HVIO (3.3V)									
Max. HPIO (1.8V)									
I/O per mm2									
I/O per kLE									
Max LVDS Rate									
Total Transceiver Count									
Total. Transceiver Bandwidth									
Smallest Pkg									
Largest Pkg									



Aging Competitor Low-End

Competitors abandoning the low-end





GEMINI+



Gemini+ Family FPGA Competitive Landscape

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini+	Spartan-6	Spartan-7	Zynq 7000	Cyclone-V SE	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire SoC	Trion
Introduction Date	2023	2009	2015	2018	2012	2020	2021	2012	2019	2018
Tech Node (nm)	16	45	28	28	TSMC 28LP	28	28	65	28	SMIC 40LL
LUT Structure	LUT-6	LUT-6	LUT-6	LUT-6	ALM-8	LUT-4	LUT-4	LUT-4	LUT-4	LUT-4 + Adder
Embedded Memory	256KB OCM +			256KB OCM +	10Kb M10K	18Kb EPB	18Kb EPB	18Kb LSRAM	20Kb LSRAM	
Signal Processing [# of MAC fractionable modes]										
Processor Core (Soft)										
Processor Core (Hard)										
Hard NOC										
Global Clock Perf (MHz)										
DDR SDRAM Support										
DDR SDRAM Performance										
Transceivers ⁵										



Gemini + – Resource Comparison @ 50K LE

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix	
Product	Gemini +	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V SE	Certus-NX	CertusPro-NX	Smartfusion 2		PolarFire SoC	Trion
Intro. Date	2023	2009	2015	2012	2012	2020	2021	2012	2012	2019	2018
Part	RS-50	XC6SLX45	XC7S50	XC7Z012S	5CSEA4	LFD2NX-40	LFCPNX-50	M2S050	M2S060	MPFS025T	T55
Logic Elements (k)	50	44	52	55	40	39	52	56	56	23	54
BRAM Size (Mb)	2.0	2.033	2.533	2.5	2.5	1.512	1.533	1.211	1.211	1.2	2.533
BRAM Block Size											
Additional Embedded Memory											
DSP											
Multipliers											
Transceiver Count											
Transceiver Speed											
Total Transceiver Bandwidth											

Gemini+ – I/O Comparison @ 50K LE

	Rapid Silicon	AMD Xilinx			Intel Altera	Lattice		Microsemi			Efinix
Product	Gemini+	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V SE	Certus-NX	CertusPro-NX	Smartfusion 2		PolarFire SoC	Trion
Intro. Date	2023	2009	2015	2012	2012	2020	2021	2012	2012	2019	2018
Part	RS-50	XC6SLX45	XC7S50	XC7Z012S	5CSEA4	LFD2NX-40	LFCPNX-50	M2S050	M2S060	MPFS025T	T55
Logic Elements (k)	50	44	52	55	40	39	52	56	56	23	54
Max I/Os											
Max HRIO											
Max HPIO											
I/O per mm²											
I/O per kLE											
Max LVDS Rate											
Smallest Pkg											
Largest Pkg											
I/O Voltage											



Gemini + – Resource Comparison @ 100K LE

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini +	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V SE	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2012	2020	2021	2012	2019	2018
Part	RS-100	XC6SLX100	XC7S100	XC7Z020	5CSEA6	LFD2NX-40	LFCPNX-100	M2S090	MPFS095T	T120
Logic Elements (k)	100	100	100	85	110	39	96	86	93	112
BRAM Size (Mb)										
BRAM Block Size										
Additional Embedded Memory										
DSP										
Multipliers										
Transceiver Count										
Transceiver Speed										
Total Transceiver Bandwidth										

Gemini + – I/O Comparison @ 100K LE

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)	Lattice		Microsemi		Efinix
Product	Gemini +	Spartan-6	Spartan-7	Zynq-7000	Cyclone-V SE	Certus-NX	CertusPro-NX	Smartfusion 2	PolarFire	Trion
Intro. Date	2023	2009	2015	2012	2012	2020	2021	2012	2019	2018
Part	RS-100	XC6SLX100	XC7S100	XC7Z020	5CSEA6	LFD2NX-40	LFCPNX-100	M2S090	MPFS095T	T120
Logic Elements (k)	100	100	100	85	110	39	96	86	93	112
Max I/Os										
Max. HVIO (3.3V)										
Max. HPIO (1.8V)										
I/O per mm²										
I/O per kLE										
Max LVDS Rate										
Smallest Pkg										
Largest Pkg										
Lgst Package Area (mm²)										
I/O Voltage	1.8 - 3.3 V (HVIO)									



Gemini+ - Resource Comparison @ 100k LE

	Rapid Silicon	AMD(Xilinx)			Intel (Altera)	Lattice	Microchip	Efinix
Product Family	Gemini+	Zynq 7000	Zynq US+ MPSoC (CG)	Spartan US+	Cyclone-V SE	CertusPro-NX	PolarFire SoC	Topaz
Part	1GE100	XC7Z030	ZU2CG	SU100P	5CSEA6	LFCPNX-100	MPFS095T	TZ100
Intro Year	TBD	2012	2013	2024	2012	2021	2019	2024
Tech Node (nm)								
Logic Count (k)								
LUT Structure								
BRAM Size Each								
Cumul Embedded Memory								
DSP								
Processor Core (Hard)								
Global Clock Freq								
DDR Support								
DDR Perf (Mbps)								
Transceivers								
Max IO Count								



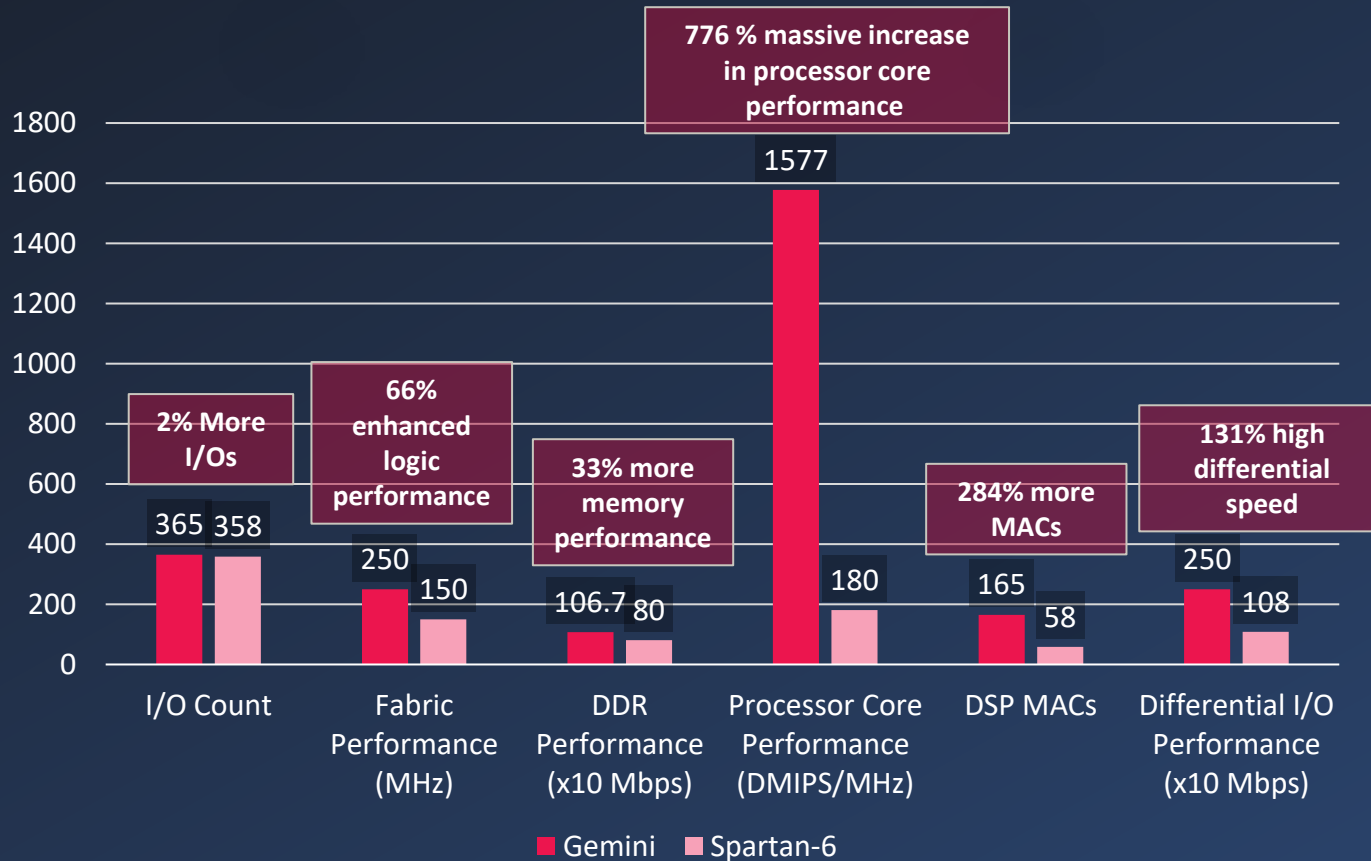
Orion VS Latest Comp Product Introductions

Product	Orion	Intel - Sundance Mesa (Perform Opt)	Intel - Sundance Mesa (Pow Opt)	Zynq US+ CG (AMD)	Artiq US+ (AMD)	Avant (Lattice)	
Process Node	16 nm	Intel 7 (10-nm)	Intel 7 (10-nm)	16	16	16	
Product Class	Low-End	Low-End	Low-End	Low-End	High-End	Mid-Range	
Target Market	Edge, Embedded, Network	Edge, Embedded, Network	Edge, Embedded, Network	Network, Embedded, Medic	Network, Embedded, Compu	Edge, Comms, Indus, Compu, Auto	
Density							
Block RAM (Mb)							
BRAM Blocks							
DSP Blocks							
Multipliers							
Transceivers							
PCIe							
Ethernet							
TSN Controller							
Processors							
DDR							
DDR Perfom.							
MIPI							
IO							
Package Ball Pitch			0.5 mm			0.5 mm	

Gemini - The Powerful Replacement

Optimized connectivity, high performance at lowest power expense

 Gemini RS-50 vs  Spartan-6 XC6SLX45





Rapid Silicon VS Intel's Latest Prod. Introductions

Not the RS Competitive Product Class

Product	Agilex D-Series	Sundance Mesa (Performance Optimized)	Sundance Mesa (Power Optimized)	Orion
Process Node	Intel 7 (10-nm)	Intel 7 (10-nm)	Intel 7 (10-nm)	16 nm
Product Class	Midrange	Low-End	Low-End	Low-End
Target Market	Wireless, 8k Broadcast	Edge, Embedded, Network	Edge, Embedded, Network	Edge, Embedded, Network
Density	130-644K LE	138-656k LE		<250k LE
M20K Blocks				
DSP Blocks				
18x19 Multipliers				
TFLOPS				
Transceivers				
PCIe				
Ethernet				
TSN Controller				
Processors				
DDR				
MIPI				
IO				
Core Voltage				
Package Ball Pitch				

Competition to Orion



Rapid Silicon VS Intel's Latest Prod. Introductions

Not the RS Competitive Product Class

Product	Agilex D-Series	Sundance Mesa (Performance Optimized)	Sundance Mesa (Power Optimized)	VS	Orion
Process Node	Intel 7 (10-nm)	Intel 7 (10-nm)	Intel 7 (10-nm)		16 nm
Product Class	Midrange	Low-End	Low-End		Low-End
Target Market	Wireless, 8k Broadcast	Edge, Embedded, Network	Edge, Embedded, Network		Edge, Embedded, Network
Density		138-656k LE			<250k LE
M20K Blocks		INTEL vs Rapid Silicon (Competition to Orion)			
DSP Blocks					
18x19 Multipliers					
TFLOPS					
Transceivers					
PCIe					
Ethernet					
TSN Controller					
Processors					
DDR					
MIPI	@				
IO					
Core Voltage					
Package Ball Pitch	0.65 mm		0.5 mm		



Orion Competitive Landscape

Improvements

- Enhanced DSP capability w/ AI Tensor Block
- Integrated TSN Block
- Integrated MIPI D-PHY
- Hyperflex FPGA arch & SmartVID Power Management Tech (Proven & already in use)

	Rapid Silicon	AMD (Xilinx)		Intel (Altera)		Microchip	Lattice
Product	Orion	Zynq Ultrascale+	Zynq-7000	Agilex (D-Series)	Arria V	PolarFire SoC	CertusPro-NX
Introduction Date	2023	2013	2011	2022	2011	2019	2021
Part	RS001	EU580	7001	10K100	5A65D0	112500507	1500NX100
Logic Elements (k)	100	100	100	100	100	100	100
Tech Node (nm)	28	28	28	28	28	28	28
Processor Core (Hard)	D	D	D	D	D	D	D
Hard NOC	Green	Green	Green	Green	Green	Green	Green
Logic Fabric Speed (MHz)	Red	Red	Red	Red	Red	Red	Red
DDR SDRAM Support	Red	Red	Red	Red	Red	Red	Red
DDR SDRAM Performance	Red	Red	Red	Red	Red	Red	Red
Transceivers	Red	Red	Red	Red	Red	Red	Red
PCIe Hard IP	Green	Green	Green	Green	Green	Green	Green
Max. I/O Count	Green	Green	Green	Red	Red	Green	Green



Gemini Family - SoC Competitive Landscape

	Rapid Silicon	AMD (Xilinx)			Intel (Altera)		Lattice	Microsemi	
Product	Gemini	Zynq 7000S	Zynq-7000	Zynq-7000	Agilex (D-Series)	Cyclone-V (SX)		SmartFusion 2	PolarFire SoC
Introduction Date	2023	2018	2011	2011	2022	2012		2012	(TBF)
Part									
Logic Elements (k)									
Tech Node (nm)									
Processor Core (Hard)									
Hard NOC									
Logic Fabric Speed (MHz)									
DDR SDRAM Support									
DDR SDRAM Performance									
Transceivers									
Max. I/O Count									



New Comp. Introductions: Addressing Claims

Gemini VS XILINX: ZU3T

Defend

Attack

ZU3T - XILINX

Claims	Our Response
154.4 Gbps - 5x transceiver bandwidth than other ZU3s	 <p>... automotive grade components.</p>
157k LE - Lowest logic density with programmable logic-based transceivers	
21.2 Mb RAM & 256 kB OCM - High Memory Ratio	
Available in automotive grade	



New Comp. Introductions: Addressing Claims

Gemini VS XILINX: AU7P

Defend

Attack

AU7P - XILINX

Claims	Our Response
?? - 50% lower static power than AU10P	Results awaited
3.02 - 20% more I/O-to-logic ratio than AU10P	
144 HDIO - Twice as many 3.3V HDIO compared to the AU10P	
8.5mm x 10.5mm footprint	
4.9 Mb of total embedded memory - High Memory Ratio	
Available in automotive grade	



New Comp. Introductions: Addressing Claims

Gemini VS Lattice: Avant-E

Defend

Attack

Avant-E - Lattice	
Claims	Our Response
2.75Watt @ 350 MHz - Lowest Power	Results Awaited
4-I/P LUT to minimize power consumption	<p>Our device offers superior performance and flexibility. Our six input lookup table structure allows for more complex logic functions than traditional LUTs, enabling more efficient logic implementation and lower power consumption. This is achieved through our advanced routing architecture and the use of 4-input LUTs, which can implement more complex logic functions than traditional 2-input LUTs. This results in a more compact and efficient design, reducing the need for multiple LUTs and associated routing resources. Furthermore, our device's high-performance DSPs and SERDES blocks are optimized for power efficiency, ensuring that the overall system power consumption is minimized. This is a key differentiator for our device in the market, where power efficiency is a critical factor for many applications.</p>
350 MHz - Highest Performance	
7200 INT8 multipliers - AI optimized DSPs	
35.6 Mb Embedded Memory @ 500k LE - High Embedded Memory	
10 ms - Fast I/O Configuration	
60 ms for 500k LE part - Fast Full Device Configuration	
25 Gb configurable SERDES	

control, image processing, signal processing, and data acquisition.



New Comp. Introductions: Addressing Claims

Gemini VS Intel: Sundance Mesa

Defend

Attack

Sundance Mesa - Intel

Claims	Our Response	
10-nm for lower power consumption and small form factors	co	Intel 7 is facing delays in shipments due to issues with its 10-nm process node. To ensure a reliable and cost-effective
Hyperflex architecture for max performance and lower power consumption	N	
28.1 Gbps Transceivers	O	
AI optimized DSP blocks	a	
TSN and MIPI support for interfacing w/ latest image sensors		