

Simulator Platform



Comparison Chart



	OP4200	OP4510	OP5650	OP5707	OP5031
Compatible Simulation Systems and Software	RT-LAB eFPGASIM	RT-LAB HYPERSIM eMEGASIM ePHASORSIM eFPGASIM	RT-LAB HYPERSIM eMEGASIM ePHASORSIM eFPGASIM	RT-LAB HYPERSIM eMEGASIM ePHASORSIM eFPGASIM	RT-LAB HYPERSIM eMEGASIM ePHASORSIM
CPU	ARM	INTEL XEON E3	INTEL XEON E5	INTEL XEON E5	INTEL XEON E5
Number of cores	2	4	4, 8, 16, or 32	4, 8, 16, or 32	4, 8, 16, or 32
XILINX FPGA (standard configuration)	ZYNQ (7030)	Kintex 7 (325T) (410T (Optional))	Artix®-7	Virtex 7 (485T)	n/a
SFP optical interface (GTx 5 Gbits/s)	2	4	4	16	n/a
I/O modules with 16 analog or 32 digital signals	4	4	8	8	n/a
Maximum number of I/O channels	128	128	256	256	n/a

About OPAL-RT TECHNOLOGIES

OPAL-RT is the world leader in the development of PC/FPGA-based Real-Time Digital Simulator, Hardware-In-the-Loop (HIL) testing equipment and Rapid Control Prototyping (RCP) systems to design, test and optimize control and protection systems used in power grids, power electronics, motor drives, automotive industry, trains, aircraft and various industries, as well as R&D centers and universities.



opal-rt.com