

COMPARE YOUR TOOL WITH ALTIUM DESIGNER

	Altium Designer 18	Eagle
Perpetual license providing software ownership for the life of the product	✓	
Software requires internet connection every 14 days to validate license		✓
Integrated supply chain	Supplier links support top 20 authorized distributors, +100 other distributors	Eagle Newark design link
Included library content	Integrated central content server containing over 400K parts	Can be downloaded across various sources
Analog simulation	Integrated SPICE engine supporting Pspice, SPICE 3F5, and XSPICE models	Third party add on
Layer and plane support	32 signal layers and 16 plane	16 signal & plane layers in Premium, 4 signal layers in Standard, and 2 signal layers in the free version
Unlimited board size	✓	Unlimited in Premium. All other versions 160 cm ² or less
3D PCB with model and full clearance checking	Dynamic 3D native to the PCB editor. Full IDF, STEP, and Parasolid model support and clearance checking from part to part and enclosure	Rendered 3D view with limited capability
PCB Routing	Advanced interactive & differential pair routing with full push, shove, and hug features. ActiveRoute technology - Auto interactive router with guide based direction supporting multiple layers and BGA escape routing	Interactive, differential pair, & autorouting