NVBOTS NVPro	Stratasys uPrint SE Plus	XYZprinting, Inc. da Vinci Jr. 1.0	
nvbots.com	www.stratasys.com/3d-printers/idea-series/uprint-se-plus	http://us.xyzprinting.com/us_en/Product/da-Vinci-1.0-Junior?_ga=1.244789389.949639136.1438289822	Web Site
$15,000 for purchase and $4,500 for year lease	$18-22,000	$349.99	Price
1	1	1	Number of Print Heads
PLA	ABS, ABSplus	PLA	Filament Used
0.1mm (100 microns) to 0.3mm (300 microns)	.330 mm (.013 in)	Fine, 0.1 mm (100 microns); Standard, 0.2 mm (200 microns); Speed, 0.3 mm (300 microns); Ultra Fast, 0.4 mm (400 microns)	Layer Resolution
7.87 x 7.87 inches	8 x 8 in	6.5 x 6.5 inches	Print Plate Size
7.87 x 7.87 x 7.87 inches	8 x 8 x 6 in	5.9 x 5.9 x 5.9 inches	Maximum Print Size
Heated print bed, fully enclosed; automatic part removal; operates through cloud (printer is connected to Ethernet and controlled through wi-fi to allow stand-alone printing); live video feed of printing; teacher-controlled print queue.	Heated print bed, fully enclosed; autocalibration	Fully enclosed; autocalibration; USB/SD card enables stand-alone printing.	Features
.stl	.stl	.stl , XYZ Format (.3w)	Supported File Types
Yes	Yes	Yes	Must use proprietary filament?
No	No	No	Must use proprietary software for design?
1 year	Available through our licensed resellers.	Limited one year with product registration, otherwise 180-day limited warranty.	Warranty
NVPro, two spools of certified filament, cloud software access, power supply, Ethernet cable, BuildTak sheets, 3D printer curriculum.	uPrint SE Plus 3D Printer, WaveWash Support Cleaning System, Start-up Kit	Printer, set of tools, USB cable, power supply, one spool of testing filament.	What You Get
NVPro is the only printer that automatically removes a print job and starts the next, which means that prints can run 24 hours a day and no hands are ever near the print head. It also has a built-in Webcam that allows the operator to watch from anywhere as jobs print. In addition, NVPro offers a 3D printer curriculum with two components: a focus on printing and a focus on subject-area content with lesson ideas. A unique leasing program provides extensive support, with on-site support available in New England (NVBOT is in Beta phase. The leasing program with on-site technicians is currently available to schools in the New England area, with plans to expand to a national program by the 2016–2017 school year).	uPrint SE Plus can print intricate models with overhangs, and even moving assemblies, in one job by printing with a removable support material. It uses ABSplus thermoplastic to build models in your choice of nine colors. Two layer thicknesses let you choose whether to print your model 30 percent faster or at a finer resolution.	The da Vinci Jr. is eco-friendly, printing biodegradable PLA with only 75 watts of power. The printer is compact, fully enclosed, and has a non-heated print bed for safety. The da Vinci Jr. also has a press-and-release extruder, making extruder cleaning and replacement easy.	What makes this printer stand out?
Web and phone support, replacement parts, replacement printers, on-site technicians (see above)	Local support centers offer responsive, professional service in more than 50 countries and 20 languages, from more than 350 experts with knowledge and technical skills in all aspects of FDM and PolyJet 3D printing technologies.	Free one-year phone and tech support as well as access to email support.	Support
Box to print: 10 minutes; Loading filament: Easy; Noise: Quiet; Software setup: Easy; User-friendliness of software: Easy	Printer unavailable for testing.	Box to print: 15 minutes; Loading filament: Easy; Noise: Very quiet; Software setup: Medium; User-friendliness of software: Easy	Notes
Platform tape and filament package: $70; Year's supply of filament: $2,000; Replacement parts: Free	Available through our licensed resellers.	Filament, 600g: $27.99; Print bed tape (10 pack): $10; Nozzle: $99; Print plate: $60; Tool kit: $10	Available Replacement Parts