

ZPrinter® 650

Our best-in-class, high performance ZPrinter 650 meets the needs of the most demanding application environments, with superior color and resolution, the industry's largest build volume, and high throughput that can easily meet the requirements of multiple users with multiple needs.



BEST-IN-CLASS
HIGH PERFORMANCE
LARGEST MODELS
GREATEST THROUGHPUT
SUPERIOR COLOR
HIGHEST RESOLUTION

ZPRINTER 650 PRODUCT ADVANTAGES

FASTEST PRINT SPEED

ZPrinter 650 joins Z Corporation's family of the world's fastest 3D printers

- 5X-10X faster than all other systems
- Fastest automated ZPrinter ever
- Output multiple models in hours, not days
- Support an entire engineering department or classroom with ease

LARGEST MODELS, GREATEST THROUGHPUT

Prints a new running shoe prototype in full size, or a large architectural model, in a single build

- Industry's largest build size: 10 x 15 x 8 inches (254 x 381 x 203 mm)
- Most useful build area available
- Build multiple models at the same time by stacking and nesting parts — without support structures
- Print very large models without combining smaller parts into a whole

HIGHEST RESOLUTION

The best choice for realistic models and precise detail

- Print resolution: 600 x 540 dpi
- 3D print the most intricate detail: a thin wall on a mechanical prototype, a railing on an architectural model

SUPERIOR COLOR

Highest quality color available in a 3D printer

- Color dramatically communicates design intent
- Produce realistic color models without painting
- Better evaluate the look, feel, and style of product designs
- Five print heads, including black, provide the best range of accurate colors, including a true black, and consistent color
- 3D print text labels or images directly onto models

EASY TO USE

Spend time generating ideas, not operating a 3D printer

- Automated setup and self monitoring
- Automated powder loading and recycling
- Snap-in binder cartridges
- Intuitive control panel for easy operation
- Requires minimal training and expertise

OFFICE FRIENDLY

Fits into any office or school environment

- Quiet, safe, odor free
- Built-in powder recycling and finishing stations create an integrated, all-in-one 3D printing system



Z CORPORATION®

ZPrinter® 650



TECHNICAL SPECIFICATIONS

APPLICATION	Premium color, easy to use, largest build size, office friendly
MULTICOLOR	Yes
AUTOMATED	Yes
BUILD SPEED	2- 4 layers per minute
BUILD SIZE	10 x 15 x 8 inches (254 x 381 x 203 mm)
MATERIAL OPTIONS	High-performance composite
LAYER THICKNESS	0.0035- 0.004 inches (0.089- 0.102 mm)
RESOLUTION	600 x 540 dpi
NUMBER OF PRINT HEADS	5
NUMBER OF JETS	1520
FILE FORMATS FOR PRINTING	STL, VRML, PLY, 3DS, ZPR
EQUIPMENT DIMENSIONS	74 x 29 x 57 inches (188 x 74 x 145 cm)
EQUIPMENT WEIGHT	750 lbs (340 kg)
POWER REQUIREMENTS	100- 240V 50- 60Hz 15-7.5A
NETWORK CONNECTIVITY	TCP/ IP 100/ 10 base T
WORKSTATION COMPATIBILITY	Windows® XP Professional and Windows Vista® Business/ Ultimate
REGULATORY COMPLIANCE	CE, CSA
SPECIAL FACILITY REQUIREMENTS	None

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P650-BFO-2008