## Kornit X

**Powering on-demand sustainable fashion**

**Customer empowerment programs for business growth**

**Single-step printing with integrated pretreatment**

## Kornit Digital
*bonding matters*

### Sustainability

Meets the highest environmental standards, and is $CO_2$-neutral and GOTS and OEKO Passport approved.

### Training and Support

Multilingual services including global support, customer empowerment plans, upgrades, beginner to advanced training, maintenance, and more.

### Workflow

End-to-end solutions including production management software, professional RIP with color management, web-to-print workflow solutions, and real-time inventory management.

### Global Fulfillment Network

Real-time syncing of your printing systems with a wide range of global brands.

**Positive list of GOTS**

**OEKO-TEX®**
CONFIDENCE IN TEXTILES
**ECO PASSPORT**

**CPSIA COMPLIANT**

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*bonding matters*

www.kornit.com

Find out how to make your production more sustainable at

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# MAKE BETTER. MAKE MORE.

**Superior Quality, Sustainable, On Demand.**

# Kornit Digital
**bonding matters**



## Product Overview

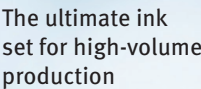| | Kornit Storm HD6 / Kornit Storm HD6 Lite | Kornit Avalanche HD6 | Kornit Atlas | Kornit Atlas MAX | Kornit Vulcan Plus | Kornit Avalanche POLY PRO | Kornit Atlas MAX POLY |
|---|---|---|---|---|---|---|---|
| Description | Exceptional cost per print and print quality for small-to-medium print businesses | Mid-volume industrial print system. Optimize the cost per print and print quality for medium- to-large printing businesses | The perfect industrial DTG solution for high-volume production | The new quality standard for high-volume, on-demand DTG production — MAX technology included — Kornit XDi | Higher production volume, better retail quality, and improved profitability from the very first impression | The specialty printing solution for polyester at industrial scale | The new quality standard for high-volume, on-demand, sustainable direct-to-garment polyester decoration — MAX technology included — Kornit XDi |
| Category | MID-VOLUME INDUSTRIAL | MID-VOLUME INDUSTRIAL | HIGH-VOLUME INDUSTRIAL | HIGH-VOLUME INDUSTRIAL | MASS PRODUCTION | SPECIALTY INDUSTRIAL | SPECIALTY INDUSTRIAL |

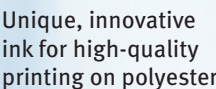| Spec | Storm HD6 / HD6 Lite | Avalanche HD6 | Atlas | Atlas MAX | Vulcan Plus | Avalanche POLY PRO | Atlas MAX POLY |
|---|---|---|---|---|---|---|---|
| Maximum Production Output* | HD6: Dark garment: up to 55 (33X33 cm / 13X13 in) Light garment: ≥ Dark +25% HD6 Lite: Dark garment: 30 (33X33 cm / 13X13 in) Light garment: ≥ Dark +25% | Dark garment: up to 90 (33X33 cm / 13X13 in) Light garment: ≥ Dark +25% | Dark garment: up to 130 **Standard print mode: up to 105** (33X33 cm / 13X13 in) Light garment: ≥ Dark +25% | Dark garment: up to 140 **New standard print mode: up to 125** (33X33 cm / 13X13 in)** | Dark / Light garment: up to 200 (33X33 cm / 13X13 in) | Dark garment: up to 50 Light garment: > 25% (33X33 cm / 13X13 in) | Dark garment: up to 90 Light garment: > Dark +25% (33X33 cm / 13X13 in) |
| Ink Channels | 6 Colors CMYKRG + White | 6 Colors CMYKRG + White | 6 Colors CMYKRG + White | 6 Colors CMYKRG + White + Q.Fix + Intensifier | 6 Colors CMYKRG + White | 4 Colors CMYK + White + Poly Enhancer | 4 Colors + 2 Neon + White + PG + Q.Fix + PE |
| Printing Area | Up to 20 x 28 in / 50 x 70 cm | Up to 23.6 x 35.4 in / 60 x 90 cm | Up to 23.6 x 35.4 in / 60 x 90 cm | Up to 23.6 x 35.4 in / 60 x 90 cm | Up to 15.7 x 19.7 in / 40 x 50 cm | Up to 23.6 x 35.4 in/60 x 90 cm | Up to 23.6 x 35.4 in/60 x 90 cm |
| Printing Resolution | Up to 1,200 dpi | Up to 1,200 dpi | Up to 1,200 dpi | Up to 1,200 dpi | Up to 1,200 dpi | Up to 1,200 dpi | Up to 1,200 dpi |
| Ink Recirculation System | Embedded | Embedded | Embedded | Embedded | Embedded | Embedded | Embedded |
| NeoPigment™ Ink Containers | NeoPigment™ Eco-Rapid Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Eco-Rapid Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Eco-Rapid Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Eco-Rapid Intensifier and Q.Fix Enhancers Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Eco-Rapid Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Olympia Bulk ink system supporting 4 Liter/135 oz ink containers | NeoPigment™ Olympia Bulk ink system supporting 4 Liter/135 oz ink containers Olympia Intensifier and Q.Fix Enhancers |
| Printable Substrates | Cotton, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more | Cotton, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more | Cotton, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more | Cotton, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more | Cotton, Polyester, Cotton-Polyester, Blends, Lycra, Viscose, Silk, Denim, Linen, and more | Polyester, Polyester Blends | Polyester and Polyester-Based Blends |
| Humidity System | Embedded | Embedded | Embedded | Embedded | Embedded | Embedded | Embedded |
| Operating System | Windows 10 | Windows 10 | Windows 10 | Windows 10 | Windows 10 | Windows 10 | Windows 10 |
| Dimensions | 114 X 80 X 65 in / 290 X 202 X 165 cm | 138 X 91 X 67 in / 350 X 230 X 170 cm | 8.32 X 10.95 X 5.92 ft / 2.5 X 3.3 X 1.8 cm | 8.32 X 10.95 X 5.92 ft / 2.5 X 3.3 X 1.8 cm | 290 X 84 X 136 in / 735 X 212 X 345 cm | 138 X 91 X 67 in / 350 X 230 X 170 cm | 8.32 X 10.95 X 5.92 ft / 2.5 X 3.3 X 1.8 m |
| Max Weight | Approx. 1,705 kg / 3,759 lb | Approx. 2,200 kg / 4,850 lb | Approx. 2,200 kg / 4,850 lb | Approx. 2,200 kg / 4,850 lb | Approx. 6,500 kg / 14,400 lb | Approx. 2,200 kg / 4,850 lb | Approx. 2,200 kg / 4,850 lb |
| Compressed Air Pressure | 6 – 8 bar (90 – 116 psi) regulated | 6 – 8 bar (90 – 116 psi) regulated | 6 – 8 bar (90 – 116 psi) regulated | 6 – 8 bar (90 – 116 psi) regulated | 6 – 10 bar (90 – 145 psi) regulated | 6 – 8 bar (90 – 116 psi) regulated | 4 – 6 bar |
| Operating Conditions | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% | Temperature: 18°C-30°C / 64.4°F-86°F, Humidity: 45%-65% |
| Recommended File Preparation Software (RIP) | ColorGATE | ColorGATE | ColorGATE | ColorGATE | ColorGATE | ColorGATE | ColorGATE |
| Customer Empowerment Service Offering | √ | √ | √ | √ | √ | √ | √ |
| Konnect | Included | Included | Included | Included | Included | Included | Included |
| Unique Printing Capabilities | | | | XDi 3D decorations: threadless embroidery, high-density, vinyl, and screen transfer effects | | | Neon colors, brushed polyester, XDi 3D decorations: threadless embroidery, high-density, vinyl, and screen transfer effects, Pro-Guard to treat dye migration |
| Quality and Durability | ★★★★ | ★★★★ | ★★★★ | ★★★★★ | ★★★★ | ★★★★ | ★★★★★ |
| System Production Speed (Maximum Impressions Per Hour) | 0–250 | 0–250 | 0–250 | 0–250 | 0–250 | 0–250 | 0–250 |



* Number of impressions per hour is operator dependent and measured in High Production print mode with pretreatment included. Avalanche POLY PRO and Atlas MAX POLY production output is measured in Standard print mode.

** Atlas MAX Standard setup quality is superior to Atlas Standard setup (comparable to Atlas High Quality setup).

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## NeoPigment™ ECO-RAPID



The ultimate ink set for high-volume production

## NeoPigment™ OLYMPIA



Unique, innovative ink for high-quality printing on polyester

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## Kornit XDi



Kornit's XDi Technology enables printing multiple layers to create unlimited innovative 3D effects

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## MAX Technology Additional Consumables

### Atlas MAX
- Eco-Rapid Q.fix enabling better fixation and enhanced quality
- Eco-Rapid Intensifier enabling next-level fastness for the most durable impressions

### POLY MAX
- Eco-Rapid Q.fix enabling better fixation and enhanced quality
- Poly Enhancer enabling next-level fastness for the most durable impressions
- Pro-Guard — a blocking agent that treats dye migration