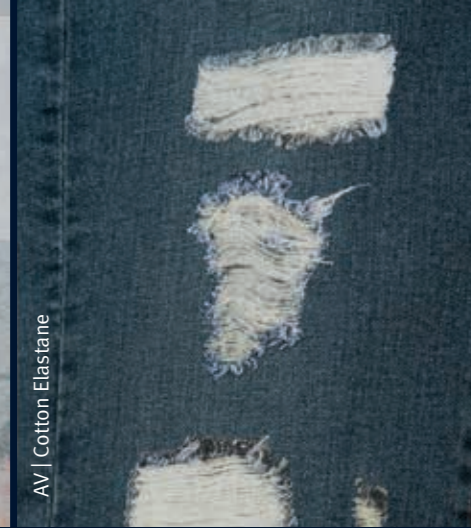


AVHD | Cotton



AV | Cotton



AV | Cotton Elastane



AV 1000 | Linen



HD6 / Polyester Mesh



HD6 / Cotton



HEXA | Cotton Elastane



HEXA | Cotton elastane

3 step printing process:

- 1 Place garment
- 2 Press print
- 3 Dry & ship!

Kornit patented Integrated pretreatment

- Eliminates the need for any external pretreatment process!
- Prints on multiple fabric types, variety of garment sizes, color combination and application.

60-BRCH-195-REV 4.0



Kornit Digital bonding matters

One provider. One solution. Endless possibilities.

Printing System

Solutions for every business – regardless of size and location

Ink & Consumables

Eco-friendly ink set for multiple fabric types based on patented Kornit Neopigment™ inks

Workflow & Software

End-to-End Web-to-Print solution, file preparation, color management, printing and analytics

Accessories

Multi-size pallets, upgrades and more

Global Support

Multilingual services including support plans, upgrades, training, maintenance and more

Applications

Beginner to advanced level training, support, R&D for innovative applications



For product specific certification information please contact us.

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Print quality may vary on different fabrics. These products (printers and auxiliary subsystems), their use and chemistries involved (printing inks and ink fixation reagents) are protected by one or more of the following patents and/or pending patent applications: IL 139482; USP 7,607,745; USP 7,954,921; EP 1740388; IL 177323; USP 8,292,395; USP 8,801,127; EP 24,815,93; EP 18,934,13; IL 187124; IL 143790; IL 162231; IL 179765; EP 1750945; USP 8,540,358; EP 24,646,97; India 185/MUMNP/2012; CN ZL 201080045541.6; US 20150284905. | The data in this document was valid at the time of publishing, and is subject to change without notice. Kornit Digital reserves the right to modify its products and change their specifications at any time, without prior notice and further obligation.



Kornit Avalanche Platform

Industrial printing platform for high volume and quick turnaround



Kornit Digital bonding matters

Kornit Avalanche Platform

The leading platform for direct-to-garment printers. Offering high profitability with excellent print quality and low ink consumption

- **Superior printing on multiple fabric types**, including light and dark garments
- **No need for pretreatment fluids and heat press**
- **Eco friendly process** complies with strict industry standards
- **Patented dual bridge architecture** for maximum efficiency
- **The perfect solution for growing production demand**
- **Ink recirculation and humidity system** for print and production consistency
- **Fully automated maintenance procedures** for seamless workflow and long term reliability

Technical Specifications

Printing Area	Up to 23.5 x 35 in/60 x 90 cm
Printable Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool and more
Operating System	Windows 7
Dimensions	138 X 91 X 67 in 350 X 230 X 170 cm
Max Weight	Approx. 2200 kg / 4850 lb
Power Requirements	400/208 VAC, 50/60 Hz 3 phase, 3W+N+PE
Compressed Air Pressure	6 – 8 bar (90 – 116 psi) regulated
Operating Conditions	18°C-30°C / 64.4°F-86°F Humidity: 45% - 95%

HD Technology

IRseries
Recirculating ink system for reduced cost per print and advanced reliability*



The Kornit Avalanche platform: Six configurations to match your exact business needs

	Kornit Avalanche HDK	Kornit Avalanche HD6	Kornit Avalanche	Kornit Avalanche DC PRO	Kornit Avalanche 1000	Kornit Avalanche Hexa
Key Feature	The lowest cost per print	The lowest cost per print. 30% more color options	The most cost-effective industrial solution	The only digital discharge + white solution in the market	Fastest printing process	30% more color options
Production Output	Light garments: 150 Dark garments: 110	Light garments: 150 Dark garments: 110	Light garments: 150 Dark garments: 100	Light garments: 150 Dark garments: 100	Light garments: 220 Dark garments: 160	Light garments: 180 Dark garments: 140
Ink Set	Water based Kornit Neopigment™ Rapid Ink	Water based Kornit Neopigment™ Rapid Ink	Water based Kornit Neopigment™ Ink	Water based Kornit Neopigment™ Ink	Water based Kornit Neopigment™ Ink	Water based Kornit Neopigment™ Ink
Ink Channels	4 colors CMYK + White	6 colors CMYKRG + White	4 colors CMYK + White	4 colors CMYK + White + Discharge	4 colors CMYK + White	6 colors CMYKRG + White
Ink Recirculation	Integrated IRseries	Integrated IRseries	N/A	N/A	Integrated IRseries	Integrated IRseries
Max Printing Resolution	1,200 dpi	1,200 dpi	630 dpi	630 dpi	1,200 dpi	1,200 dpi
RIP Software**	Quick P Designer / ColorGate	Quick P Designer / ColorGate	Quick P Designer	Quick P Designer	Quick P Designer	Quick P Designer
Print Heads	24 heads	20 heads	12 heads	14 heads	24 heads	20 heads
Humidity System	Integrated	Integrated	Optional as an upgrade	Optional as an upgrade	Integrated	Integrated

Technical Specifications

Maximum production output*

Ink Set:

Ink Channels

Ink Recirculation

Max Printing Resolution

RIP Software**

Print Heads

Humidity System

Ink Consumption Chart



*Integrated in Avalanche 1000, Avalanche Hexa and HD configurations

* Measured in High Productivity print mode, A4 size prints/hour, with pretreatment included ** optional

+ 1 year warranty
Optional post-warranty contracts