

# Specifications

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## Recommended Daily Volume

i2420 ADF: Up to 5,000 pages  
per day

i2620 ADF: Up to 7,000 pages  
per day

i2820 ADF: Up to 8,000 pages  
per day

## Throughput Speeds\*

(portrait, letter size)

**i2420 Black-and-white/grayscale/color:** up to 40 ppm/80 ipm at 200  
and 300 dpi

**i2620 Black-and-white/grayscale:** up to 60 ppm/120 ipm at 200 and  
300 dpi

**i2620 Color:** Up to 60 ppm/120 ipm at 200 dpi; up to 40 ppm/80 ipm  
at 300 dpi

**i2820 Black-and-white/grayscale:** Up to 70 ppm/140 ipm at 200 dpi  
and 300 dpi;

**i2820 Color:** Up to 60 ppm/120 ipm at 200 dpi; up to 40 ppm/80 ipm  
at 300 dpi

## Scanning Technology

Dual CCD; Grayscale output bit depth is 256 levels (8-bit); color capture bit depth is 48 bits (16  
x 3); color output bit depth is 24 bits (8 x 3)

## Operator Control Panel

i2420: 7-segment  
display

i2620: Graphical LCD  
display

i2820: Graphical LCD  
display

## Optical resolution

600  
dpi

## Illumination

Dual indirect  
LED

**Output resolution**

75 / 100 / 150 / 200 / 240 / 250 / 300 / 400 / 600  
/ 1200 dpi

**Max./Min. Document Size**

216 mm x 863 mm (8.5 x 34 in.) / 50 mm x 50 mm  
(2 in. x 2 in.)  
Long document mode: 216 mm x 4,064 mm (8.5 in.  
x 160 in.)

**Paper Thickness and Weight**

34–413 g/m<sup>2</sup> (9–110 lb.) paper; ID card thickness: up to 1.25  
mm (0.05 in.)

**Feeder**

Handles small documents such as ID cards, embossed hard cards, business cards  
and insurance cards

i2420: Up to 75 sheets of 80 g/m<sup>2</sup> (20 lb.) paper

i2620: Up to 100 sheets of 80 g/m<sup>2</sup> (20 lb.) paper

i2820: Up to 100 sheets of 80 g/m<sup>2</sup> (20 lb.) paper

**Multi-feed Detection**

With ultrasonic  
technology

**Connectivity**

USB 2.0, USB 3.0  
compatible

**Software Support**

Standard Software - Windows Bundled Software: TWAIN, ISIS, WIA Drivers; Alaris Smart  
Touch and Alaris Capture Pro Software Limited Edition (via web download)

Optional Software: Alaris Info Input Solution, Alaris Capture Pro Software (Windows only),  
Asset Management Software

**Imaging Features**

Barcode reading; Perfect Page scanning; Deskew; Autocrop; Fixed cropping; Relative  
cropping; Multi-lingual auto orientation; Orthogonal rotation; Add border; Remove border;  
Intelligent image edge fill; Round/Rectangular Hole Fill; Content or file size-based blank page  
removal; Sharpening; Streak Filtering; Automatic brightness/contrast; Background color  
smoothing; Automatic color balance; Auto white balance; Enhanced color adjustment;  
Enhanced color management; Automatic color detection; Adaptive threshold processing; Fixed

thresholding; iThresholding; Lone pixel noise removal; Majority rule noise removal; Halftone removal; Electronic color dropout (R, G, B); Predominate (1) color dropout; Multiple (up to five) color dropout; All color dropout; Dual stream; Compression (Group 4, JPEG); Image merge; Long document scanning (up to 4,064 mm/160 in.)

### **File Format Outputs**

Single and multi-page TIFF, JPEG, RTF, BMP, PDF, searchable PDF

### **Electrical Requirements**

100-240 V (International);  
50-60 Hz

### **Power Consumption**

Scanner: off mode: <0.35 watts; sleep mode: <4 watts; running mode: <32 watts

### **Environmental Factors**

EPEAT



Registered

ENERGY STAR Qualified

Operating Temperature: 10-35° C (50-95° F)

Operating Humidity: 15% to 80% RH

### **Recommended PC Configuration**

INTEL CORE 2 duo processor 6600 @ 2.4 GHz Duo Processor or equivalent, 4 GB RAM (WINDOWS and LINUX)

INTEL CORE i7 processor @ 2.0 GHz quad-core, 4 GB of RAM, USB 2.0 (MAC)

### **Approvals and Product Certifications**

AS/NZS CISPR 22:2009 +A1:2010; (Class B RCM mark), CAN / CSA – C22.2 No 60950-1-07 +A1:2011 (TUV C mark), Canada CSA-CISPR 22-10 / ICES-003 Issue 5 (Class B), China GB4943.1:2011; GB9254:2008 Class B (CCC S&E mark), EN55022:2010 ITE Emissions (Class B), EN55024:2010 ITE Immunity (CE mark), EN60950-1:2006 +A1,+A11,+A12 (TUV GS mark), IEC60950-1:2005 +A1, Taiwan CNS 13438:2006 (Class B); CNS 14336-1 (BSMI mark), UL 60950-1:2007 R12.11 (TUV US mark), CFR 47 Part 15 (FCC Class B), Argentina S mark

### **Consumables Available**

Feed module, separation module, feed rollers, roller cleaning pads, STATICIDE Wipes

### **Dimensions**

Weight: 5.5 kg (12 lbs.) Depth: 162 mm (6.3 in.),

not including input tray and output tray  
Width: 330 mm (13 in.) Height: 246 mm  
(9.7 in.),  
not including input tray