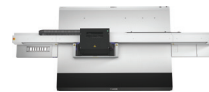# Arizona 1300 Series

READY WHEN YOU ARE

Do more. Do it smarter. Do it now.

- Start printing straightaway and save power thanks to the instant LED-UV curing system. Create complex, duplex, multi-layered and high-value print projects in a straightforward and intuitive way with Arizona Xpert. Simplify future tasks by repeating or adapting saved projects.

- Produce prints that can be used anywhere, including in schools and hospitals, thanks to Greenguard-certified inks.

- Arizona Xpert, a prepress-stage software optimization that saves users time and money by making complex multi-layered jobs easy and predictable, automating the process for future jobs using the same recipe.

- Deliver photo and fine art prints with exceptional highlights using improved white and light inks. The white ink is the brightest Canon has ever produced and is ideal for stunning, high-value applications.

- Print on a huge range of media, including glass, wood and tiles, using the unique flatbed architecture. GT models can print on media up to 1.25 x 2.5m and the XT models can handle media of up to 2.5 x 3.08m. This ensures superior quality and application versatility when printing edge-to-edge, double-sided, multiple boards, large multi-board tiled images, pre-cut shaped media and objects.

- Enhance print quality with the IJC357 UV inks, which offer better adhesion and ink functionality. VariaDot technology ensures multiple ink droplet sizes are used for exquisite near-photographic results.

- Extend your printing applications and print textured and layered designs with a Touchstone workflow, an elevated printing solution ideal for décor, digital wide-format graphics and packaging.

- Get rapid results – enjoy print speeds of up to 52.8m²/h, ideal for lower contrast, lower density images.

- Keep your printer running smoothly using the Automated Maintenance System for hands-free printhead cleaning.

- Expect superior print quality every time with extended print modes and enhanced screening.

- Enjoy easy and reliable operation – make last-minute changes such as nesting and batching at the printer and rely on the pneumatic registration pins for straightforward loading of rigid media.

- Adapt your printer to your print projects by upgrading colour channels for better optimisation.

- Switch effortlessly from rigid to flexible media with the Roll Media Option, which handles a diverse range of flexible, roll-based media for uncompromising print quality.

- Get a helping hand remotely and maximise uptime with the Remote Service, staffed by qualified service technicians.

PRODUCT RANGE

Arizona 1340 GT/XT

Arizona 1360 GT/XT

Arizona 1380 GT/XT

Canon

Arizona 1300 Series

Arizona 1300 GT

Printing Technology	4/6/8-channel piezoelectric inkjet system using VariaDot imaging technology; with one 636-nozzle, variable droplet printhead per channel.
Ink Configurations	**1340 GT:** CMYK **1360 GT:** CMYK+WW/V **1380 GT:** CMYK+WW/V +cm
Resolution	Variable droplet sizes from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 42 picoliters produces uniform colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1,440 dpi or higher. Text as small as 2 pt. is perfectly legible (with High Definition mode).

Print Speed

Print Modes	Arizona 13x0 GT			Flatbed		RMO	
	1340 GT	1360 GT	1380 GT	m²/h	ft²/h	m²/h	ft²/h
High-Key	●	●	●	50.9	547.9	38.6	415.5
Express	●	●	●	34.2	368.1	25.8	277.7
Production-Fast			●	25.2	271.3	18.8	202.4
Production	●	●	●	20.8	223.9	17	183
Quality	●	●	●	14.6	157.2	12	129.2
Quality-Matte	●	●	●	10.4	111.9	7.9	85
Quality-Density	●	●	●	7.9	85	6.3	67.8
Quality-Layered (2)		●	●	7.3	78.6	6	64.6
Quality-Layered (3)		●	●	4.8	51.7	4	43.1
Fine Art	●	●	●	11.7	125.9	9.5	102.3
High Definition	●	●	●	6.2	66.7	6	64.6
Varnish (High Gloss)		●	●	~4	43.1	n.a.	n.a.

Ink System	**IJC357** UV-curable inks packed in quick-change, 2 liter bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 liter bags.
System Architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.

Geometric Accuracy

	Measured Over		Maximum Error	
	Flatbed	RMO	Flatbed	RMO
Line length (system width)	2,500 mm	2,190 mm	± 0.8 mm	± 0.6 mm
Line length (system height)	1,250 mm	2,000 mm	± 0.4 mm	± 1.5 mm
Line straightness (system width)	2,500 mm	2,190 mm	0.7 mm	0.7 mm
Line straightness (system height)	1,250 mm	2,000 mm	0.5 mm	2.0 mm
Diagonal Error ("square-ness")	1,250x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm

Rigid Media	Maximum Area: 125 x 250 cm / 49.2 x 98.4 inches
	Maximum Thickness: 50.8 mm / 2.0 inches
	Maximum Mass:34 kg/m² / 7 lbs/ft²
Rigid Media Print Area	Up to: 126 x 251 cm / 49.6 x 98.8 inches (for edge-to-edge printing)
Media Roll Specification	90 to 220 cm / 35.4 to 86.6 inches. Up to 50 kg / 110 lbs (at any width). Maximum diameter: 240 mm (9.45 inches). Core: 3 inches (inside). Bias: Print-side-in or print-side-out. Most types (application dependent)
Roll Media Print Width	Up to 219 cm / 86.2 inches
Image Processing	ONYX Thrive 18 (421 configuration or greater recommended)
Connectivity	10/100/1000 Base-T
Arizona Xpert	Arizona Xpert offers a unique tool set to save time and money in the creation of complex, multi-layered and duplex applications. The "Arizona Xpert Resale license" and the "Add Arizona Xpert Permission" are included with every Arizona 1300 printer and require ONYX Thrive to be installed.
Electrical Power / Compressed Air	2 x 200-240 VAC, 50/60 Hz, Single-phase, 16A per circuit
	Circuit Breakers: North America: 20A. Europe: 16A. ROW: See CB Scheme Report
	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to ½ inch or 12mm OD air tubing. Peak flow: 57 l/min at 690 kPa (2 cfm at 100 psi)

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Environment	Temperature: 18˚ to 30˚ C (64˚ to 86˚ F)
	Relative humidity: 30 to 70% (non-condensing)
	Ventilation: 1,200 m³ per hour / 700 cfm minimum (see Site Preparation Guide)
	Altitude: 2,750 m (9,020 feet) maximum, however some components specify a limit of 2,000 m (6,560 feet)
Size/Weight	Printer only: 4.66 m x 2.0 m (183.5" x 78.7"), 849 kg (1,871 lbs.)
	Printer + Roll Media Option: 4.66 m x 2.29 m (183.5" x 90.2"), 1,099 kg (2,423 lbs.)
	Table height: 0.88 m (34.6") / Overall height: 1.3 m (51.2")

Arizona 1300 XT

Printing Technology	4/6/8-channel piezoelectric inkjet system using VariaDot imaging technology; with one 636-nozzle, variable droplet printhead per channel.
Ink Configurations	**1340 XT:** CMYK **1360 XT:** CMYK+WW/V **1380 XT:** CMYK+WW/V +cm
Resolution	Variable droplet sizes from 6 to 42 picoliters. The ability to vary the drop size to 6 picoliters produces sharp images with smoother gradients and quartertones. The ability to jet larger droplets up to 42 picoliters produces uniform colors. The result is near-photographic quality with sharpness only before seen at resolutions of 1.440 dpi or higher. Text as small as 2 pt. is perfectly legible (with High Definition mode).

Print Speed

Print Modes	Arizona 13x0 XT			Flatbed		RMO	
	1340 XT	1360 XT	1380 XT	m²/h	ft²/h	m²/h	ft²/h
High-Key	●	●	●	52.8	568.3	38.6	415.5
Express	●	●	●	35.3	380	25.8	277.7
Production-Fast			●	25.9	278.8	18.8	202.4
Production	●	●	●	21.3	229.3	17	183
Quality	●	●	●	15	161.5	12	129.2
Quality-Matte	●	●	●	10.8	116.3	7.9	85
Quality-Density	●	●	●	8.2	88.3	6.3	67.8
Quality-Layered (2)		●	●	7.5	80.7	6	64.6
Quality-Layered (3)		●	●	5	53.8	4	43.1
Fine Art	●	●	●	11.9	128.1	9.5	102.3
High Definition	●	●	●	6.4	68.9	6	64.6
Varnish (High Gloss)		●	●	~5	53.8	n.a.	n.a.

Ink System	**IJC357** UV-curable inks packed in quick-change, 2 liter bags for: Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta. White and Varnish packed in 1 liter bags.
System Architecture	True flatbed for rigid media printing with available Roll Media Option for flexible media printing.

Geometric Accuracy

	Measured Over		Maximum Error	
	Flatbed	RMO	Flatbed	RMO
Line length (system width)	2,500 mm	2,190 mm	± 0.8 mm	± 0.6 mm
Line length (system height)	3,080 mm	2,000 mm	± 1.0 mm	± 1.5 mm
Line straightness (system width)	2,500 mm	2,190 mm	0.7 mm	0.7 mm
Line straightness (system height)	3,080 mm	2,000 mm	0.7 mm	2.0 mm
Diagonal Error ("square-ness")	3,080x2,500 mm	2,000x2,190 mm	1.0 mm	2.5 mm

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Rigid Media	Maximum Area: 308 x 250 cm / 121.3 x 98.4 inches (320 x N cm permitted w/308 cm vacuum) Maximum Thickness: 50.8 mm / 2.0 inches Maximum Mass: 34 kg/m^2 / 7 lbs/ft^2
Rigid Media Print Area	Up to: 309 x 251 cm / 121.7 x 98.8 inches (321 x N cm permitted w/308 cm vacuum)
Media Roll Specification	90 to 220 cm / 35.4 to 86.6 inches. Up to 50 kg / 110 lbs (at any width). Maximum diameter: 240 mm (9.45 inches). Core: 3 inches (inside). Bias: Print-side-in or print-side-out. Most types (application dependent)
Roll Media Print Width	Up to 219 cm / 86.2 inches
Image Processing	ONYX Thrive 18 (421 configuration or greater recommended)
Connectivity	10/100/1000 Base-T
Arizona Xpert	Arizona Xpert offers a unique tool set to save time and money in the creation of complex, multi-layered and duplex applications. The "Arizona Xpert Resale license" and the "Add Arizona Xpert Permission" are included with every Arizona 1300 printer and require ONYX Thrive to be installed.
Electrical Power / Compressed Air	2 x 200-240 VAC, 50/60 Hz, Single-phase, 16A per circuit
	Circuit Breakers: North America: 20A. Europe: 16A. ROW: See CB Scheme Report
	Clean, dry, compressed air using a Coalescing Filter. Pressure Regulator set to 690 kPa (100 psi) and connects air regulator to ½ inch or 12mm OD air tubing. Peak flow: 57 l/min at 690 kPa (2 cfm at 100 psi)
Environment	Temperature: 18° to 30° C (64° to 86° F)
	Relative humidity: 30 to 70% (non-condensing)
	Ventilation: 1,200 m^3 per hour / 700 cfm minimum (see Site Preparation Guide)
	Altitude: 2.750 m (9,020 feet) maximum, however some components specify a limit of 2.000 m (6.560 feet)
Size/Weight	Printer only: 4.66 m x 3.83 m (183.5" x 150.8"), 1,660 kg (3,660 lbs.)
	Printer + Roll Media Option: 4.66 m x 4.12 m (183.5" x 162.2"), 1,910 kg (4,211 lbs.)
	Table height: 0.88 m (34.6") / Overall height: 1.3 m (51.2")

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