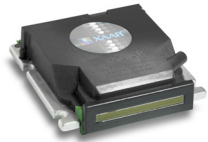


Xaar Printhead Matrix

Physical Attributes	Unit	Xaar 128	Xaar 501	Xaar 502	Xaar 1003	Xaar 2002	Xaar Nitrox	Xaar Irix
Active nozzles	—	128	500	500	1000	2000	1000	128
Print swathe width	mm	17.44	70.41	70.41	70.49	70.52	70.49	17
Number of fluid paths	—	1	1	1	1	up to 2	1	1
Nozzle density (nozzles per inch)	npi	185	180	180	360	1 colour: 720 2 colours: 360	360	185
Maximum firing frequency (up to) ¹	kHz	8	27	9.5	36	36	48	8.3
Drop velocity ¹	m/s	6	7	7	6	6	6	6
Printhead weight (dry)	g	16	208 ²	208 ²	144	445	144	15.5
Dimensions: width depth height	mm	38 12 41	104 17 113 ²	104 17 113 ²	125 30 60	132 50 105	125 30 60	38 12 41
Fluid types ¹	—	Solvent Oil	UV Oil	Solvent Oil	Solvent UV Oil	Solvent UV Oil	Solvent UV Oil	Solvent Oil
Drop volume ¹	pL	40, 80	8	15	1, 6, 12, 40	6, 12, 40	6, 12, 40	40, 80
Firing mode	—	Binary	Greyscale	Greyscale	Greyscale or High Laydown	Greyscale or High Laydown	Greyscale or High Laydown	Binary
Max grey levels (up to)	—	2	6	6	8	8	8	2

¹ Dependent upon printhead model & ink type ² Includes filter module



Xaar 128



Xaar 501



Xaar 502



Xaar 1003



Xaar 2002



Xaar Nitrox



Xaar Irix