

zForce AIR Module Selector Guide

V3 March 2020



Standard Length zForce AIR Modules and Evaluation Kits

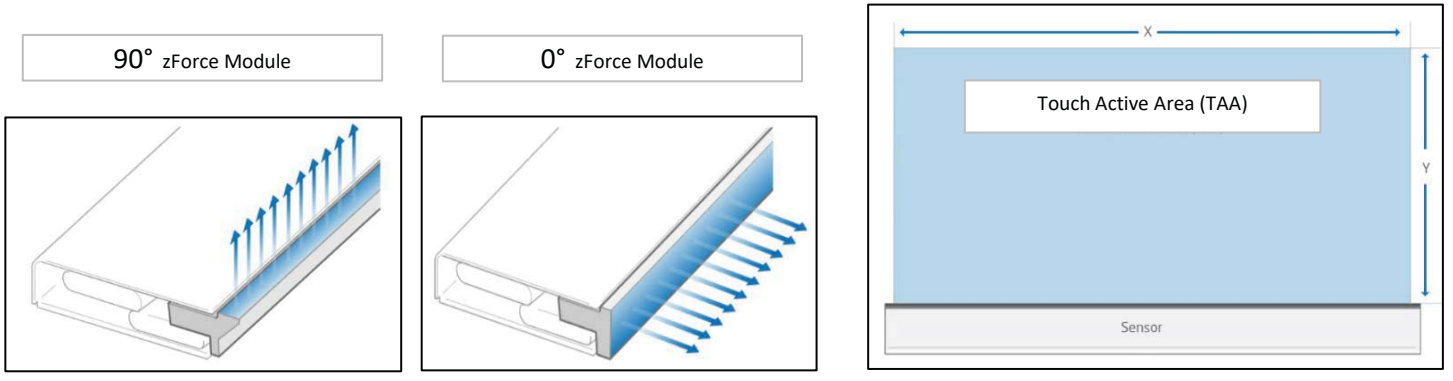
Product Name (Internal)	TAA Length [mm]	TAA Length [inches]	Type [°]	Neonode Product No.	DigiKey Part No.	Package/Contents
zForce AIR	115.2	4.54	0	NNAMC1150PC01	1816-1016-ND	Sensor Module
zForce AIR	115.2	4.54	90	NNAMC1151PC01	1816-NNAMC1151PC01-ND	Sensor Module
zForce AIR Eval. Module	115.2	4.54	0	NNAMC1150PCEV	1816-1015-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	115.2	4.54	90	NNAMC1151PCEV	1816-NNAMC1151PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	122.4	4.82	0	NNAMC1220PC01	1816-1000-ND	Sensor Module
zForce AIR	122.4	4.82	90	NNAMC1221PC01	1816-NNAMC1221PC01-ND	Sensor Module
zForce AIR Eval. Module	122.4	4.82	0	NNAMC1220PCEV	1816-1007-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	122.4	4.82	90	NNAMC1221PCEV	1816-NNAMC1221PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	158.4	6.24	0	NNAMC1580PC01	1816-1001-ND	Sensor Module
zForce AIR	158.4	6.24	90	NNAMC1581PC01	1816-NNAMC1581PC01-ND	Sensor Module
zForce AIR Eval. Module	158.4	6.24	0	NNAMC1580PCEV	1816-1008-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	158.4	6.24	90	NNAMC1581PCEV	1816-NNAMC1581PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	180	7.09	0	NNAMC1800PC01	1816-1008-ND	Sensor Module
zForce AIR	180	7.09	90	NNAMC1801PC01	1816-NNAMC1801PC01-ND	Sensor Module
zForce AIR Eval. Module	180	7.09	0	NNAMC1800PCEV	1816-1009-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	180	7.09	90	NNAMC1801PCEV	1816-NNAMC1801PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	208.8	8.22	0	NNAMC2090PC01	1816-1003-ND	Sensor Module
zForce AIR	208.8	8.22	90	NNAMC2091PC01	1816-NNAMC2091PC01-ND	Sensor Module
zForce AIR Eval. Module	208.8	8.22	0	NNAMC2090PCEV	1816-1010-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	208.8	8.22	90	NNAMC2091PCEV	1816-NNAMC2091PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	230.4	9.07	0	NNAMC2300PC01	1816-1004-ND	Sensor Module
zForce AIR	230.4	9.07	90	NNAMC2301PC01	1816-NNAMC2301PC01-ND	Sensor Module
zForce AIR Eval. Module	230.4	9.07	0	NNAMC2300PCEV	1816-1011-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	230.4	9.07	90	NNAMC2301PCEV	1816-NNAMC2301PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	295.2	11.62	0	NNAMC2950PC01	1816-1005-ND	Sensor Module
zForce AIR	295.2	11.62	90	NNAMC2951PC01	1816-NNAMC2951PC01-ND	Sensor Module
zForce AIR Eval. Module	295.2	11.62	0	NNAMC2950PCEV	1816-1012-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	295.2	11.62	90	NNAMC2951PCEV	1816-NNAMC2951PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	309.6	12.19	0	NNAMC3100PC01	1816-1018-ND	Sensor Module
zForce AIR	309.6	12.19	90	NNAMC3101PC01	1816-NNAMC3101PC01-ND	Sensor Module
zForce AIR Eval. Module	309.6	12.19	0	NNAMC3100PCEV	1816-1017-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	309.6	12.19	90	NNAMC3101PCEV	1816-NNAMC3101PCEV-ND	Sensor Module, Connector, Cable
zForce AIR	345.6	13.61	0	NNAMC3460PC01	1816-1006-ND	Sensor Module
zForce AIR	345.6	13.61	90	NNAMC3461PC01	1816-NNAMC3461PC01-ND	Sensor Module
zForce AIR Eval. Module	345.6	13.61	0	NNAMC3460PCEV	1816-1013-ND	Sensor Module, Connector, Cable
zForce AIR Eval. Module	345.6	13.61	90	NNAMC3461PCEV	1816-NNAMC3461PCEV-ND	Sensor Module, Connector, Cable

EXPLORER KIT	7 Sizes of Sensor Modules: 122mm, 158mm, 180mm, 209mm, 230mm, 295mm, and 346mm	0°	NNAMCMAXIPCEX	1816-1014-ND	122mm, 158mm, 180mm, 209mm, 230mm, 295mm, and 346mm Sensor Modules, 2 IR Touch Eval. Boards
EXPLORER KIT	7 Sizes of Sensor Modules: 122mm, 158mm, 180mm, 209mm, 230mm, 295mm, and 346mm	90°	NNAMCMAXIPCEY	1816-NNAMCMAXIPCEY-ND	122mm, 158mm, 180mm, 209mm, 230mm, 295mm, and 346mm Sensor Modules, 2 IR Touch Eval. Boards

Custom zForce AIR Module Sizes*

*Available with a \$7,000 Service fee. Check with Neonode for Manufacturing Schedule and Delivery Dates

Product Name	TAA Length [mm]	TAA Length [inches]	Type	Neonode Product No.	Type	Neonode Product No.	Package/Contents
zForce AIR	43.2	1.70	0°	NNAMC0430PC01	90°	NNAMC0431PC01	Sensor Module
zForce AIR	50.4	1.98	0°	NNAMC0500PC01	90°	NNAMC0501PC01	Sensor Module
zForce AIR	57.6	2.27	0°	NNAMC0580PC01	90°	NNAMC0581PC01	Sensor Module
zForce AIR	64.8	2.55	0°	NNAMC0650PC01	90°	NNAMC0651PC01	Sensor Module
zForce AIR	72	2.83	0°	NNAMC0720PC01	90°	NNAMC0721PC01	Sensor Module
zForce AIR	79.2	3.12	0°	NNAMC0790PC01	90°	NNAMC0791PC01	Sensor Module
zForce AIR	86.4	3.40	0°	NNAMC0860PC01	90°	NNAMC0861PC01	Sensor Module
zForce AIR	93.6	3.69	0°	NNAMC0940PC01	90°	NNAMC0941PC01	Sensor Module
zForce AIR	100.8	3.97	0°	NNAMC1010PC01	90°	NNAMC1011PC01	Sensor Module
zForce AIR	108	4.25	0°	NNAMC1080PC01	90°	NNAMC1081PC01	Sensor Module
zForce AIR	129.6	5.10	0°	NNAMC1300PC01	90°	NNAMC1301PC01	Sensor Module
zForce AIR	136.8	5.39	0°	NNAMC1370PC01	90°	NNAMC1371PC01	Sensor Module
zForce AIR	144	5.67	0°	NNAMC1440PC01	90°	NNAMC1441PC01	Sensor Module
zForce AIR	151.2	5.95	0°	NNAMC1510PC01	90°	NNAMC1511PC01	Sensor Module
zForce AIR	165.6	6.52	0°	NNAMC1660PC01	90°	NNAMC1661PC01	Sensor Module
zForce AIR	172.8	6.80	0°	NNAMC1730PC01	90°	NNAMC1731PC01	Sensor Module
zForce AIR	187.2	7.37	0°	NNAMC1870PC01	90°	NNAMC1871PC01	Sensor Module
zForce AIR	194.4	7.65	0°	NNAMC1940PC01	90°	NNAMC1941PC01	Sensor Module
zForce AIR	201.6	7.94	0°	NNAMC2020PC01	90°	NNAMC2021PC01	Sensor Module
zForce AIR	216	8.50	0°	NNAMC2160PC01	90°	NNAMC2161PC01	Sensor Module
zForce AIR	223.2	8.79	0°	NNAMC2230PC01	90°	NNAMC2231PC01	Sensor Module
zForce AIR	237.6	9.35	0°	NNAMC2380PC01	90°	NNAMC2381PC01	Sensor Module
zForce AIR	244.8	9.64	0°	NNAMC2450PC01	90°	NNAMC2451PC01	Sensor Module
zForce AIR	252	9.92	0°	NNAMC2520PC01	90°	NNAMC2521PC01	Sensor Module
zForce AIR	259.2	10.20	0°	NNAMC2590PC01	90°	NNAMC2591PC01	Sensor Module
zForce AIR	266.4	10.49	0°	NNAMC2660PC01	90°	NNAMC2661PC01	Sensor Module
zForce AIR	273.6	10.77	0°	NNAMC2740PC01	90°	NNAMC2741PC01	Sensor Module
zForce AIR	280.8	11.06	0°	NNAMC2810PC01	90°	NNAMC2811PC01	Sensor Module
zForce AIR	288	11.34	0°	NNAMC2880PC01	90°	NNAMC2881PC01	Sensor Module
zForce AIR	302.4	11.91	0°	NNAMC3020PC01	90°	NNAMC3021PC01	Sensor Module
zForce AIR	316.8	12.47	0°	NNAMC3170PC01	90°	NNAMC3171PC01	Sensor Module
zForce AIR	324	12.76	0°	NNAMC3240PC01	90°	NNAMC3241PC01	Sensor Module
zForce AIR	331.2	13.04	0°	NNAMC3310PC01	90°	NNAMC3311PC01	Sensor Module
zForce AIR	338.4	13.32	0°	NNAMC3380PC01	90°	NNAMC3381PC01	Sensor Module



zForce AIR Module Selector by Screen Size & Aspect Ratio*

zForce AIR Module Size		zForce Part Numbers (Bold=Standard Size Modules)		1:1 diagonal inches	2:1 diagonal inches	3:1 diagonal inches	4:3 diagonal inches	5:4 diagonal inches	8:3 diagonal inches	16:9 diagonal inches
(mm)	(inches)	(0° Version)	(90° Version)							
43.20	1.70	NNAMC0430PC01	NNAMC0431PC01	2.41	1.90	2.04	2.13	2.18	1.82	1.95
50.40	1.98	NNAMC0500PC01	NNAMC0501PC01	2.80	2.21	2.38	2.48	2.54	2.12	2.28
57.60	2.27	NNAMC0580PC01	NNAMC0581PC01	3.21	2.54	2.73	2.83	2.90	2.42	2.60
64.80	2.55	NNAMC0650PC01	NNAMC0651PC01	3.60	2.85	3.07	3.19	3.27	2.72	2.93
72.00	2.83	NNAMC0720PC01	NNAMC0721PC01	4.00	3.20	3.40	3.54	3.63	3.03	3.25
79.20	3.12	NNAMC0790PC01	NNAMC0791PC01	4.41	3.49	3.75	3.90	3.99	3.33	3.58
86.40	3.40	NNAMC0860PC01	NNAMC0861PC01	4.81	3.80	4.09	4.25	4.36	3.63	3.90
93.60	3.69	NNAMC0940PC01	NNAMC0941PC01	5.22	4.13	4.43	4.61	4.72	3.94	4.23
100.80	3.97	NNAMC1010PC01	NNAMC1011PC01	5.61	4.44	4.77	4.96	5.08	4.24	4.55
108.00	4.25	NNAMC1080PC01	NNAMC1081PC01	6.01	4.75	5.11	5.31	5.45	4.54	4.88
115.20	4.54	NNAMC1150PC01	NNAMC1151PC01	6.42	5.08	5.46	5.67	5.81	4.84	5.20
122.40	4.82	NNAMC1220PC01	NNAMC1221PC01	6.82	5.39	5.79	6.02	6.17	5.15	5.53
129.60	5.10	NNAMC1300PC01	NNAMC1301PC01	7.21	5.70	6.13	6.38	6.53	5.45	5.85
136.80	5.39	NNAMC1370PC01	NNAMC1371PC01	7.62	6.03	6.48	6.73	6.90	5.75	6.18
144.00	5.67	NNAMC1440PC01	NNAMC1441PC01	8.02	6.34	6.81	7.09	7.26	6.05	6.50
151.20	5.95	NNAMC1510PC01	NNAMC1511PC01	8.41	6.65	7.15	7.44	7.62	6.36	6.83
158.40	6.24	NNAMC1580PC01	NNAMC1581PC01	8.82	6.98	7.50	7.80	7.99	6.66	7.16
165.60	6.52	NNAMC1660PC01	NNAMC1661PC01	9.22	7.29	7.84	8.15	8.35	6.96	7.48
172.80	6.80	NNAMC1730PC01	NNAMC1731PC01	9.62	7.60	8.17	8.50	8.71	7.27	7.81
180.00	7.09	NNAMC1800PC01	NNAMC1801PC01	10.03	7.93	8.52	8.86	9.08	7.57	8.13
187.20	7.37	NNAMC1870PC01	NNAMC1871PC01	10.42	8.24	8.86	9.21	9.44	7.87	8.46
194.40	7.65	NNAMC1940PC01	NNAMC1941PC01	10.82	8.55	9.20	9.57	9.80	8.17	8.78
201.60	7.94	NNAMC2020PC01	NNAMC2021PC01	11.23	8.88	9.54	9.92	10.16	8.48	9.11
208.80	8.22	NNAMC2090PC01	NNAMC2091PC01	11.62	9.19	9.88	10.28	10.53	8.78	9.43
216.00	8.50	NNAMC2160PC01	NNAMC2161PC01	12.02	9.50	10.22	10.63	10.89	9.08	9.76
223.20	8.79	NNAMC2230PC01	NNAMC2231PC01	12.43	9.83	10.56	10.98	11.25	9.38	10.08
230.40	9.07	NNAMC2300PC01	NNAMC2301PC01	12.83	10.14	10.90	11.34	11.62	9.69	10.41
237.60	9.35	NNAMC2380PC01	NNAMC2381PC01	13.22	10.45	11.24	11.69	11.98	9.99	10.73
244.80	9.64	NNAMC2450PC01	NNAMC2451PC01	13.63	10.78	11.59	12.05	12.34	10.29	11.06
252.00	9.92	NNAMC2520PC01	NNAMC2521PC01	14.03	11.10	11.92	12.40	12.71	10.60	11.38
259.20	10.20	NNAMC2590PC01	NNAMC2591PC01	14.42	11.40	12.26	12.76	13.07	10.90	11.71
266.40	10.49	NNAMC2660PC01	NNAMC2661PC01	14.84	11.73	12.60	13.11	13.43	11.20	12.03
273.60	10.77	NNAMC2740PC01	NNAMC2741PC01	15.23	12.04	12.94	13.46	13.79	11.50	12.36
280.80	11.06	NNAMC2810PC01	NNAMC2811PC01	15.64	12.37	13.30	13.82	14.16	11.81	12.68
288.00	11.34	NNAMC2880PC01	NNAMC2881PC01	16.04	12.68	13.63	14.17	14.52	12.11	13.01
295.20	11.62	NNAMC2950PC01	NNAMC2951PC01	16.43	13.00	13.97	14.53	14.88	12.41	13.33
302.40	11.91	NNAMC3020PC01	NNAMC3021PC01	16.84	13.32	14.30	14.88	15.25	12.72	13.66
309.60	12.19	NNAMC3100PC01	NNAMC3101PC01	17.24	13.63	14.65	15.24	15.61	13.02	13.98
316.80	12.47	NNAMC3170PC01	NNAMC3171PC01	17.64	13.94	15.00	15.59	15.97	13.32	14.31
324.00	12.76	NNAMC3240PC01	NNAMC3241PC01	18.05	14.27	15.34	15.94	16.34	13.62	14.64
331.20	13.04	NNAMC3310PC01	NNAMC3311PC01	18.44	14.58	15.67	16.30	16.70	13.93	14.96
338.40	13.32	NNAMC3380PC01	NNAMC3381PC01	18.84	14.90	16.00	16.65	17.06	14.23	15.29
345.60	13.61	NNAMC3460PC01	NNAMC3461PC01	19.25	15.22	16.36	17.01	17.42	14.53	15.61

*For other screen sizes or aspect ratios, use the calculator at <https://www.omnicalculator.com/other/screen-size>



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