

Absolute Runtime:

n	numpy.arraywise	julia.arraywise	numpy.inner	julia.inner
10	4.17E-006	1.00E-006	8.84E-007	2.02E-007
100	4.17E-006	0.0000012	9.75E-007	3.40E-007
1000	6.16E-006	0.00000354	1.84E-006	1.71E-006
10000	2.20E-005	0.0000252	1.08E-005	1.67E-005
100000	0.000157	0.0002339	0.000103	0.0001683
1000000	0.00315	0.00378	0.00114	0.002
10000000	0.032	0.03778	0.0136	0.02114

Runtime compared with numpy.inner:

n	numpy.arraywise	julia.arraywise	numpy.inner	julia.inner
10	4.717	1.131	1.000	0.228
100	4.277	1.231	1.000	0.349
1000	3.348	1.924	1.000	0.929
10000	2.037	2.333	1.000	1.547
100000	1.524	2.271	1.000	1.634
1000000	2.763	3.316	1.000	1.754
10000000	2.353	2.778	1.000	1.554