

DBC throughput with plain IIOp

Message Size (byte)	Throughput (1) (Mbit/second)	Invocation Delay (2) (Milliseconds)	GIOP-Messages (3) (GIOP-Messages/s)
64	4,00000	0,82	8208
128	9,67188	0,89	9912
256	17,75000	0,96	9084
512	30,40625	1,05	7782
1024	45,50000	1,72	5824
2048	62,96875	1,99	4030
4096	86,14063	3,64	2756
8192	87,21875	4,78	1396

(1) outgoing messages
plus incoming messages

(2) measured at the client side;
time between sending the request message
and receiving the reply message

(3) outgoing messages
plus incoming messages

(4) SSL between Client and DBC

DBC throughput with IIOp over SSL (4)

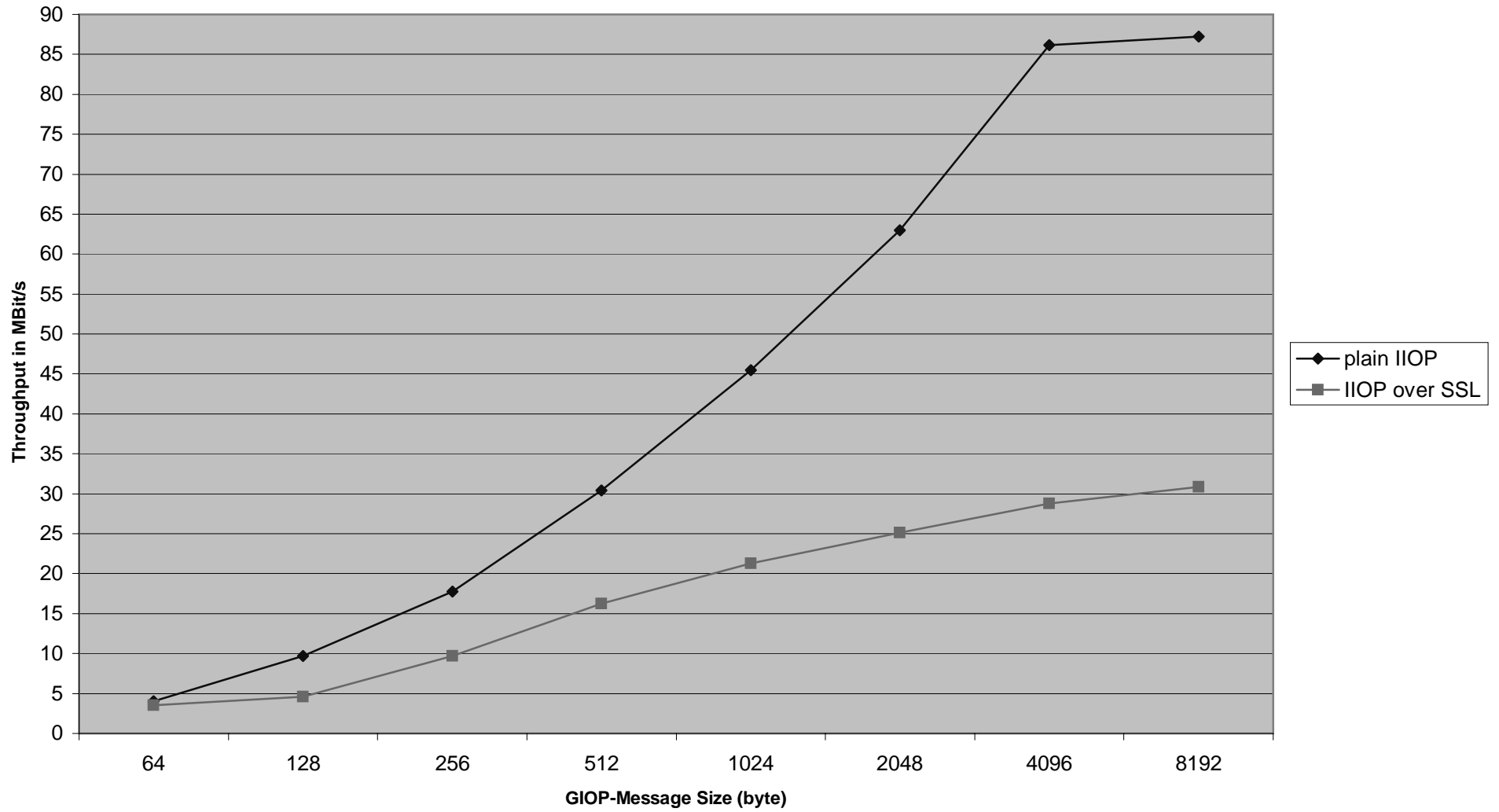
Message Size (byte)	Throughput (1) (Mbit/second)	Invocation Delay (2) (Milliseconds)	GIOP-Messages (3) (GIOP-Messages/s)
64	3,50000	1,05	7180
128	4,57813	0,95	4682
256	9,71875	1,09	4976
512	16,23438	1,68	4154
1024	21,29688	2,28	2726
2048	25,14063	3,12	1610
4096	28,78125	5,23	920
8192	30,84375	8,70	494

Client runs on dual PIII 650Mhz with 512 MB RAM

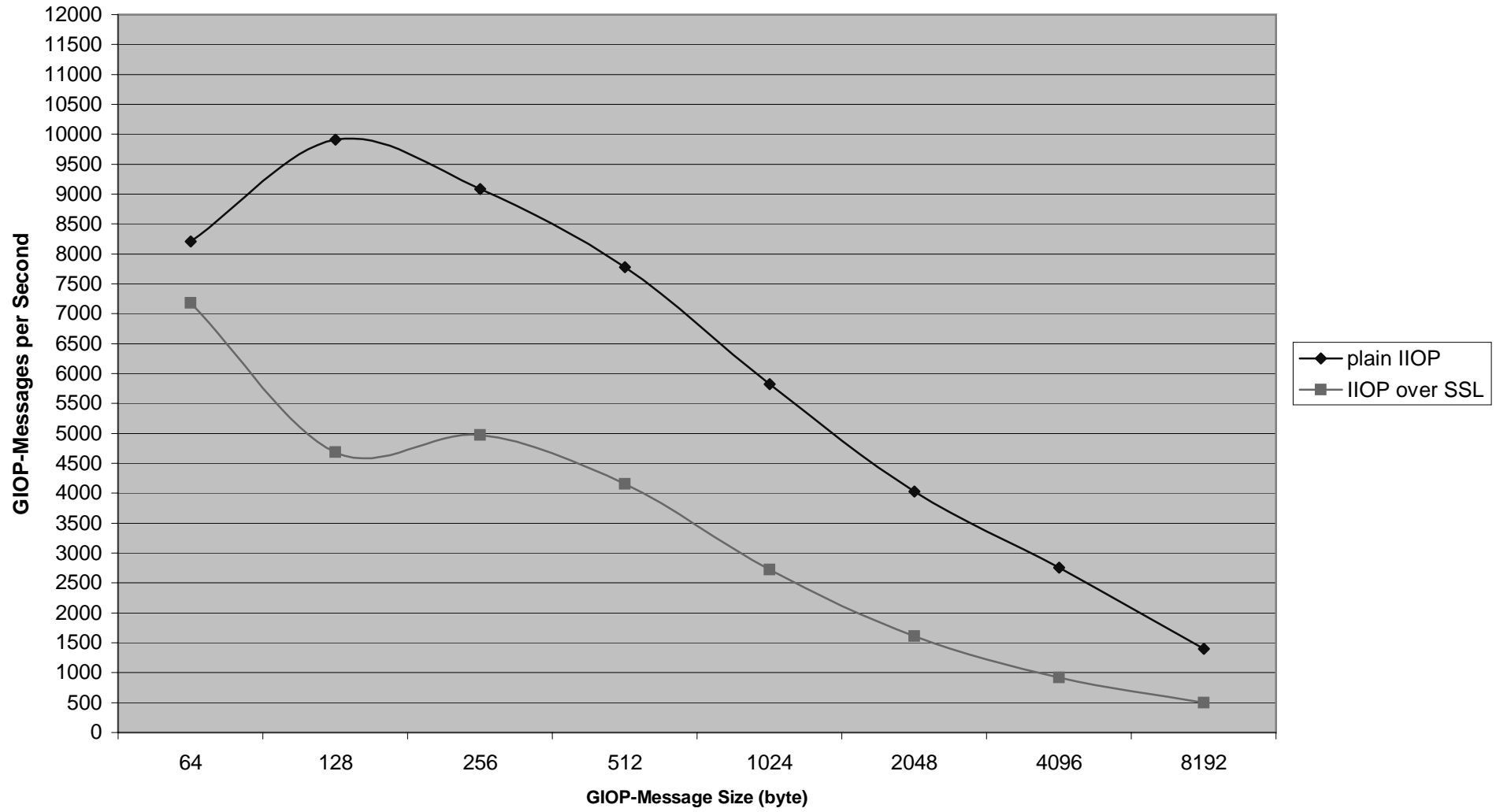
DBC runs on single PIII 866 Mhz with 512 MB RAM

Server runs on dual XEON PIII 700Mhz with 512 MB RAM

Throughput in MBit/s



Throughput GIOP-Messages



End-to-End Invocation Delay

