

## 交易成员客户端网络带宽配置推荐表

客户端系统	一台终端最低带宽 Kbps (普通交易成员)	一台终端推荐带宽 Kbps (普通交易成员)	一台终端最低带宽 Kbps (做市商)	一台终端推荐带宽 Kbps (做市商)
本币交易系统	32	64	64	128
外汇交易系统	64	128	128	256
本币 CSTEP	32	32		
外汇 CSTEP	32	32		
CMD5	90	128		
XTRADE	512	1024		
XREPO	512	1024		
CTRADE	512	1024		
交易后接口	128	128		

本币 CSTEP 带宽配置说明:

- 1、每增加 1 个关联机构，需要增加 32kbps。若有 3 个及以上的关联机构，带宽需要 128kbps。
- 2、如果本外币专线公用，且需要盘后重发数据的，带宽需要 128kbps。

具体交易成员单位需要多少带宽，其算法参考如下:

1. 如普通交易成员有 3 台外汇交易终端和 1 台外汇 CSTEP 同时运行，则该交易成员的专线带宽应在 224kbps ( $64 \times 3 + 32$ ) 至 416kbps ( $128 \times 3 + 32$ ) 之间，实际申请的带宽配置对应为 256kbps 和 512kbps。
2. 如普通交易成员有 3 台本币交易终端和 1 台本币 CSTEP (关联 2 个机构) 同时运行，则该交易成员的专线带宽应在 192kbps ( $32 \times 3 + 32 \times 3$ ) 至 286kbps ( $64 \times 3 + 32 \times 3$ ) 之间，实际申请的带宽配置对应为 256kbps 和 384kbps。
3. 如普通交易成员有 3 台本币交易终端和 1 台本币 CSTEP (关联 5 个机构) 同时运行，则该交易成员的专线带宽应在 224kbps ( $32 \times 3 + 128$ ) 至 320kbps ( $64 \times 3 + 128$ ) 之间，实际申请的带宽配置对应为 256kbps 和 384kbps。

## Network Bandwidth allocation recommendation Forms of Trade Client

Client	Minimum bandwidth per terminal client (Kbps) (Member Bank)	Recommended bandwidth per terminal client (Kbps) (Member Bank)	Minimum bandwidth per terminal client (Kbps) (Liquid Provider)	Recommended bandwidth per terminal client (Kbps) (Liquid Provider)
RMB Trade System	32	64	64	128
FX System	64	128	128	256
RMB CSTP	32	32		
FX CSTP	32	32		
CMDS	90	128		
XTRADE	512	1024		
XREPO	512	1024		
CTRADE	512	1024		
Post trade API	128	128		

Illustration of RMB CSTP bandwidth configuration:

1. It needs extra 32kbps when one related entity is added each time. If there are three or more related entities, it needs bandwidth of 128kbps.
2. If the line is used both RMB and FX and data resending is required after trade time, it needs bandwidth of 128kbps.

The calculating of how much bandwidth is needed to the trade member is referenced below:

1. If trade member has 3 FX trade client and 1 FX CSTP running at the same time, the bandwidth of the line should be between 224kbps ( $64 \times 3 + 32$ ) and 416kbps ( $128 \times 3 + 32$ ). The real bandwidth of the line should be applied between 256kbps and 512kbps.
2. If trade member has 3 RMB trade client and 1 RMB CSTP (2 related entities) running at the same time, the bandwidth of the line should be between 192kbps ( $32 \times 3 + 32 \times 2$ ) and 286kbps ( $64 \times 3 + 32 \times 2$ ). The real bandwidth of the line should be applied between 256kbps and 384kbps.
3. If trade member has 3 RMB trade client and 1 RMB CSTP (5 related entities) running at the same time, the bandwidth of the line should be between 224kbps ( $32 \times 3 + 128$ ) and 320kbps ( $64 \times 3 + 128$ ). The real bandwidth of the line should be applied between 256kbps and 384kbps.