

System Specification

Item	Specification *1
Maximum number of tags	Maximum 500,000 tags/server Maximum 300,000 tags/server (in case of Windows Server 2008 R2 Standard SP1) *2
Throughput of Exaquantum (Maximum data acquisition)	600,000 tags/minute
Data item gathering interval (minimum)	1 second *3
Data item data historisation interval (minimum)	1 second *3
Number of concurrent users (Exaquantum/Explorer)	Up to 64/server
Number of concurrent users (Exaquantum/Web)	Up to 100 for 1 Exaquantum Web server
Number of connected physical OPC servers per Exaquantum server	Maximum of 35 OPC DA and HDA servers per Exaquantum server. (Maximum of 31 OPC A&E servers per Exaquantum server) *4 *5

*1 A suitable hardware platform and infrastructure (network) must be chosen to support the required sizing.

*2 Due to 32 GB physical memory restriction for Windows Server 2008 R2 Standard SP1.

*3 Depends on OPC server performance.

*4 The maximum number of supported A&E OPC servers is 31. The combined total from all connected physical OPC server(s) is not to exceed 130 messages per second.

*5 When using process data from tags from other Exaquantum servers in calculations, then the Exaquantum servers are included in the number of connected OPC gateways.