NASDAQ OMX®

LOW LATENCY CONNECTIVITY

NASDAQ OMX CoLo offers subscribers the potential for significant reductions in latencies with our innovative 40G and 10G connectivity choices. These connections offer a decrease in round-trip latency and increased bandwidth compared to the 1G network.

AVAILABILITY

10G, 10G Ultra and 40G Ethernet access is available for all NASDAQ OMX® order entry protocols and data feeds, including the new FPGA ITCH. NASDAQ OMX also offers the following U.S. exchange data feeds on our low latency networks:

AVAILABLE OUTSIDE EXCHANGE FEEDS

+ Arca Trades

+ ArcaBook Multicast

+ Arca BBO

+ BATS, BATS Y

+ Consolidated Tape System (CTS)

+ Consolidated Quotation System (CQS)

+ CME (includes CME, CBOT, COMEX and NYMEX)

+ EDGA, EDGX

+ NYSE OpenBook, NYSE Alerts, Trades

+ NYSE MKT OpenBook Ultra, Trades, Alerts

+ Options Price Reporting Authority (OPRA)

+ Toronto Stock Exchange (TSX)

CONNECTIVITY TESTING

Our networking team will work with you to enable your ports for the requested data. All firms are required to perform a basic certification test in order to verify proper functionality.

ORDERING HAND-OFFS TO NASDAQ OMX

Please place your request via a Cross Connect/Hand-off order in the CoLo Console. Billing begins once the installation is completed by the data center team.

CONNECTIVITY TYPE	NRC	MRC	LATENCY IMPROVEMENT*
1G ULTRA	$1,500	$2,500	5-12 μs vs. 1G
10G	$1,000	$10,000	8-15 μs vs. 1G
10G ULTRA	$1,500	$15,000	5-9 μs vs. 10G
40G	$1,500	$20,000	3-8 μs vs. 10G

*Median roundtrip latency measured from order to acknowledgement for the NASDAQ Stock Market™ using Corvil Net

You can request new ports for 10G or 40G access by completing the online port request form and faxing it to **+ 1 212 231 5426**. For any port questions please contact NASDAQ OMX Subscriber Services at **+ 1 212 231 5180**, Option **3**.

ORDERING MARKET DATA

To request approval for access to any of the NASDAQ OMX data feeds, please complete the online **DATA FEED REQUEST FORM** or the **HARD COPY FORM**, which may be faxed to **+ 1 301 978 5295** or emailed to DATAADMIN@NASDAQOMX.COM. For more information, contact NASDAQ OMX Global Data Products at **+ 1 301 978 5307**.

To request approval for access to any of the other U.S. exchange feeds, please submit a Market Data request in the **COLO CONSOLE**. Many of these feeds are received over our ultra-low latency **WIRELESS CONNECTIVITY SERVICE**.

MORE INFORMATION