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:

- 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)

MORE INFORMATION

WWW.NASDAQOMXTRADER.COM/COLO   EMAIL: DOUGLAS.ARAGNES@NASDAQOMX.COM   PHONE: +1 212 231 5189

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FOR INFORMATION, VISIT WWW.NASDAQOMXTRADER.COM/COLO

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.

<table>
<thead>
<tr>
<th>CONNECTIVITY TYPE</th>
<th>NRC</th>
<th>MRC</th>
<th>LATENCY IMPROVEMENT*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1G ULTRA</td>
<td>$1,500</td>
<td>$2,500</td>
<td>5-12 µs vs. 1G</td>
</tr>
<tr>
<td>10G</td>
<td>$1,000</td>
<td>$10,000</td>
<td>8-15 µs vs. 1G</td>
</tr>
<tr>
<td>10G ULTRA</td>
<td>$1,500</td>
<td>$15,000</td>
<td>5-9 µs vs. 10G</td>
</tr>
<tr>
<td>40G</td>
<td>$1,500</td>
<td>$20,000</td>
<td>3-8 µs vs. 10G</td>
</tr>
</tbody>
</table>

* 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.