

Nasdaq Testing Facility – IP Address Information

Carteret:

- Equities – NASDAQ, BX, PSX
- Options – PHLX, NOM, BX, ISE, GEMX, MRX
- Nasdaq Fixed Income
- UTP Binary

Ashburn:

- FINRA – TRACE (CA/SP/TS), OTCBB, ORF
- UTP Legacy
- ACT
- ACES
- MFQS

Carteret RP for all Multicast Feeds: 207.251.255.40

Nasdaq NTF Networks	
Equities	206.200.20.0/23
Options	206.200.20.0/23
BX Options Migration	206.200.13.0/24
Nasdaq Fixed Income	206.200.9.0/24

Nasdaq TotalView ITCH 5.0				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.111	18000	206.200.21.136
	Rerequest		18100	206.200.21.16

Nasdaq Level 2				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Channel 1 (A-E)	233.56.159.12	18000	206.200.21.134
	Rerequest – Channel 1 (A-E)		18100	206.200.21.14
	Broadcast – Channel 2 (F-N)	233.56.159.13	18001	206.200.21.134
	Rerequest – Channel 2 (F-N)		18101	206.200.21.14
	Broadcast – Channel 3 (O-Z)	233.56.159.14	18002	206.200.21.134
	Rerequest – Channel 3 (O-Z)		18102	206.200.21.14

NFI (Beta) IP and Port Assignments				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	ITCH Multicast (A)	233.56.159.165	18000	206.200.9.64
	ITCH Multicast (B)	233.56.159.166	18000	206.200.9.65
	ITCH Retransmit (A)		18100	206.200.9.64
	ITCH Retransmit (B)		18100	206.200.9.65
	ITCH Glimpse (A)		18400	206.200.9.64
	ITCH Glimpse (B)		18400	206.200.9.65

NFI ITCH 4 Lit Tick (Beta) IP and Port Assignments				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	ITCH Multicast (A)	233.56.159.167	18000	206.200.9.0/24
	ITCH Multicast (B)	N/A	18000	N/A
	ITCH Retransmit (A)		18100	206.200.9.66
	ITCH Retransmit (B)		18100	N/A
	ITCH Glimpse (A)		18400	206.200.9.66
	ITCH Glimpse (B)		18400	N/A

UTP Quotation Services – Binary Feeds				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Channel 1 (A-CD)	233.56.159.20	55630	206.200.20.0/23
	Rerequest – Channel 1		55730	206.200.21.66
	Broadcast – Channel 2 (CE-FD)	233.56.159.20	55631	206.200.20.0/23
	Rerequest – Channel 2		55731	206.200.21.67
	Broadcast – Channel 3 (LE-LK)	233.56.159.20	55632	206.200.20.0/23
	Rerequest – Channel 3		55732	206.200.21.68
	Broadcast – Channel 4 (LL-PB)	233.56.159.20	55633	206.200.20.0/23
	Rerequest – Channel 4		55733	206.200.21.69
	Broadcast – Channel 5 (PC-SP)	233.56.159.20	55634	206.200.20.0/23
	Rerequest – Channel 5		55734	206.200.21.70
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.20	55635	206.200.20.0/23
	Rerequest – Channel 6		55735	206.200.21.71

UTP Trade Services				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Channel 1 (A-CD)	233.56.159.21	55640	206.200.20.0/23
	Rerequest – Channel 1		55740	206.200.21.86
	Broadcast – Channel 2 (CE-FD)	233.56.159.21	55641	206.200.20.0/23
	Rerequest – Channel 2		55741	206.200.21.87
	Broadcast – Channel 3 (LE-LK)	233.56.159.21	55642	206.200.20.0/23
	Rerequest – Channel 3		55742	206.200.21.88
	Broadcast – Channel 4 (LL-PB)	233.56.159.21	55643	206.200.20.0/23
	Rerequest – Channel 4		55743	206.200.21.89
	Broadcast – Channel 5 (PC-SP)	233.56.159.21	55644	206.200.20.0/23
	Rerequest – Channel 5		55744	206.200.21.90
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.21	55645	206.200.20.0/23
	Rerequest – Channel 6		55745	206.200.21.91

ISE NTF Market Data			
Site	Channel/Purpose		IP/Multicast Address
Carteret	ISE Gemini – NTF Market Data		233.56.159.180
	ISE Main– NTF Market Data		233.56.159.181
	ISE Mercury – NTF Market Data		233.56.159.182

ISE Main NTF Market Data					
Site	Feed Name	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Depth of Market Feed	modal64	233.56.159.181	18001	206.200.20.0/23
		modal64rewind/soupbin		18101	206.200.21.143
	Top of Quote Feed	modal64	233.56.159.181	18000	206.200.20.0/23
		modal64rewind/soupbin		18100	206.200.21.142
	Trade Feed	modal64	233.56.159.181	18003	206.200.20.0/23
		modal64rewind/soupbin		18103	206.200.21.145
	Order Feed	modal64	233.56.159.181	18002	206.200.20.0/23
		modal64rewind/soupbin		18102	206.200.21.144
	Complex Depth of Market Feed	modal64	233.56.159.181	18005	206.200.20.0/23
		modal64rewind/soupbin		18105	206.200.21.147
	Complex Top of Quote Feed	modal64	233.56.159.181	18004	206.200.20.0/23
		modal64rewind/soupbin		18104	206.200.21.146
	Complex Trade Feed	modal64	233.56.159.181	18007	206.200.20.0/23
		modal64rewind/soupbin		18107	206.200.21.149
	Complex Order Feed	modal64	233.56.159.181	18006	206.200.20.0/23
		modal64rewind/soupbin		18106	206.200.21.148

GEMX Main NTF Market Data					
Site	Feed Name	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Depth of Market Feed	mold64	233.56.159.180	18001	206.200.21.138
		mold64rewind/soupbin		18101	206.200.21.139
	Top of Quote Feed	mold64	233.56.159.180	18000	206.200.21.138
		mold64rewind/soupbin		18100	206.200.21.138
	Trade Feed	mold64	233.56.159.180	18003	206.200.21.138
		mold64rewind/soupbin		18103	206.200.21.141
	Order Feed	mold64	233.56.159.180	18002	206.200.21.138
		mold64rewind/soupbin		18102	206.200.21.140

MRX Main NTF Market Data					
Site	Feed Name	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Depth of Market Feed	mold64	233.56.159.182	18001	206.200.21.157
		mold64rewind/soupbin		18101	206.200.21.159
	Top of Quote Feed	mold64	233.56.159.182	18000	206.200.21.157
		mold64rewind/soupbin		18100	206.200.21.158
	Trade Feed	mold64	233.56.159.182	18003	206.200.21.157
		mold64rewind/soupbin		18103	206.200.21.161
	Order Feed	mold64	233.56.159.182	18002	206.200.21.157
		mold64rewind/soupbin		18102	206.200.21.160
	Complex Depth of Market Feed	mold64	233.56.159.182	18005	206.200.21.118
		mold64rewind/soupbin		18105	206.200.21.13
	Complex Top of Quote Feed	mold64	233.56.159.182	18004	206.200.21.118
		mold64rewind/soupbin		18104	206.200.21.12
	Complex Trade Feed	mold64	233.56.159.182	18007	206.200.21.118
		mold64rewind/soupbin		18107	206.200.21.15
	Complex Order Feed	mold64	233.56.159.182	18006	206.200.21.118
		mold64rewind/soupbin		18106	206.200.21.14

MRX 2.0 (Replatform) NTF Market Data					
Site	Feed Name	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Depth of Market Feed	mold64	233.56.159.191	18001	206.200.21.163
		mold64rewind/soupbin		18101	206.200.21.164
		Glimpse		18301	206.200.21.164
	Top of Quote Feed	mold64	233.56.159.191	18000	206.200.21.161
		mold64rewind/soupbin		18100	206.200.21.162
		Glimpse		18300	206.200.21.162
	Trade Feed	mold64	233.56.159.191	18003	206.200.21.167
		mold64rewind/soupbin		18103	206.200.21.168
	Order Feed	mold64	233.56.159.191	18002	206.200.21.165
		mold64rewind/soupbin		18102	206.200.21.166
	Complex Depth of Market Feed	mold64	233.56.159.192	18005	206.200.21.171
		mold64rewind/soupbin		18105	206.200.21.172
		Glimpse		18305	206.200.21.172
	Complex Top of Quote Feed	mold64	233.56.159.192	18004	206.200.21.169
		mold64rewind/soupbin		18105	206.200.21.170
		Glimpse		18305	206.200.21.170
	Complex Trade Feed	mold64	233.56.159.192	18007	206.200.21.175
		mold64rewind/soupbin		18107	206.200.21.176
Complex Order Feed	mold64	233.56.159.192	18006	206.200.21.173	
	mold64rewind/soupbin		18106	206.200.21.174	

MFDS – Mutual Fund Dissemination Service				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Ashburn	MFDS	233.56.159.203	50080	206.200.23.42

BTDS – Bond Trade Dissemination Service				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Ashburn	BTDS	233.56.159.128	50214	206.200.23.21

ATDS – Agency Debt Trade Dissemination Service				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Ashburn	ATDS	233.56.159.129	50215	206.200.23.21

SPDS – Securitized Products Trade Dissemination Service				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Ashburn	SPDS	233.56.159.201	50084	206.200.23.21

PHLX Depth of Market				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.122	18004	206.200.21.38
	Rerequest		18104	206.200.21.53

PHLX Top of PHLX Options (TOPO)				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.120	Quotes – 18000 Trades - 18001	206.200.21.38
	Rerequest		Quotes – 18100 Trades - 18101	206.200.21.53

PHLX Orders				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.1 21	Complex Orders – 18003 Simple Orders – 18002	206.200.21.38
	Rerequest		Complex Orders – 18103 Simple Orders – 18102	206.200.21.53

NOM ITTO 4.0				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.124	18004	206.200.21.54
	Rerequest		18104	

NOM BONO Trades 3.2				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.123	18001	206.200.21.54
	Rerequest		18101	

NOM BONO Quotes 3.2				
Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.123	18002	206.200.21.54
	Rerequest		18102	

BX Options Top of Market Trades 2.0 (Re-platformed)

Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.190	18002	206.200.13.52
	Rerequest		18102	206.200.13.53

BX Options Top of Market Quotes 2.0 (Re-platformed)

Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.189	18001	206.200.13.50
	Rerequest		18101	206.200.13.51

BX Options Depth of Market 2.0 (Re-platformed)

Site	Channel/Purpose	IP/Multicast Address	Port	NASDAQ NTF Network
Carteret	Broadcast – Single Channel	233.56.159.188	18000	206.200.13.48
	Rerequest		18100	206.200.13.49