ORDER ENTRY REFERENCE GUIDE

NASDAQ TRADING HOURS OF OPERATION

▶ **MARKET OPEN:** 9:30 a.m., ET   ▶ **MARKET CLOSE:** 4:00 p.m., ET   ▶ **SYSTEM HOURS:** 4:00 a.m. to 8:00 p.m., ET

This document outlines fields required for certain order types on the five connectivity protocols that NASDAQ® offers. All times are Eastern. This is meant to be a guide, not a protocol specification document. For detailed information regarding order entry on protocols native to NASDAQ, please refer to the protocol specification documents.

MARKET HOURS ORDERS

LIVE FROM 9:30 A.M. TO 4:00 P.M.*

ORDER TYPE	OUCH	RASHPORT	FIX	QIX	FLITE
DAY ORDER (Market Hours Day)	Type=0 Time In Force (TIF) = 99998 Cross Type = 0	Type = 0 TIF = 99998 Cross Type = 0	TIF: 59 = 0 CrossTradeFlag: 9355 = 0	Order Time in Force (TIF) = DAY	59 = 0 Cross Flag 9355 = 0
IOC ORDER	Type = 0 TIF = 0 Cross Type = 0	Type = 0 TIF = 0 Cross Type = 0	TIF: 59 = 3 CrossTradeFlag: 9355 = 0	TIF = IOC	TIF: 59 = 3 CrossTrade 9355 = 0
GTC ORDER (Spans Days)	Not Supported	Type = 0 TIF = 99960	TIF: 59 = C	TIF = GTC	Not Supported
MARKET ORDER	Not Supported	Type = Q Peg Type = P Price = 0 Cross Type = 0 TIF = 99998	OrdType: 40 = 1 CrossTradeFlag: 9355 = 0 TIF: 59 = 0	Order Price = MKT TIF = DAY	OrdType: 40 = 1 Cross Trade 9355 = 0 TIF: 59 = 0

*   Market Hours Orders will be treated as NASDAQ-only IOCs after 4 p.m. on OUCH, RASHport and FIX. QIX Market Hours Orders will be rejected after 4 p.m. Market Hours Orders are not supported for NYSE- or Amex- listed securities. Market Hours Orders entered for NYSE- or Amex-listed securities will be live when entered (e.g., prior to 9:30 a.m.) until 4 p.m.

SYSTEM HOURS ORDERS

LIVE FROM 4:00 A.M. TO 8:00 P.M.

ORDER TYPE	OUCH	RASHPORT	FIX	QIX	FLITE
DAY ORDER (System Hours Day)	TIF = 99999	TIF = 99999	TIF: 59 = 1	TIF = X	59 = 1
IOC ORDER	TIF = 0	TIF = 0	TIF: 59 = 3	TIF = IOX	59 = 3
GTX ORDER (Spans Days)	Not Supported	TIF = 99964	TIF: 59 = M	TIF = GTX	Not Supported
MARKET ORDER**	Not Supported	Type = Q Peg Type = P Price = 0 TIF = 99999 Cross Type = 0	OrdType: 40 = 1 CrossTradeFlag: 9355 = 0 TIF: 59 = 1	Order Price = MKT TIF = X	OrdType: 40 = 1 Cross Flag: 9355 = 0 TIF: 59 = 1

**   Prior to 9:30 a.m., System Hours market orders will be rejected

CROSS TYPE ORDERS

ORDER TYPE	OUCH	RASHPORT	FIX	QIX	FLITE
LOO ORDER	**Type** = O **Price** = [Price] **TIF** = 0 **Cross Type** = 0	**Type** = Q **Price** = [Price] **TIF** = 0 **Cross Type** =0	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **CrossTradeFlag**: 9355 = 0	**Order Price** = [Price] **TIF** = 00	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **CrossTradeFlag**: 9355 = 0
MOO ORDER	**Type** = O **Price** = 0 **TIF** = 0 **Cross Type** = 0	**Type** = Q **Price** = 0 **TIF** = 0 **Peg Type** = P **Cross Type** = 0	**TIF**: 59 = 3 **OrdType**: 40 = 1 **CrossTradeFlag**: 9355 = 0	**Order Price** = MKT **TIF** = 00	**TIF**: 59 = 3 **OrdType**: 40 = 1 **CrossTradeFlag**: 9355 = 0
IO OPEN ORDER	**Type** = O **Price** = [Price] **TIF** = 0 **Display** = I **Cross Type** = 0	**Type** = Q **Price** = [Price] **TIF** = 0 **Display** = I **Cross Type** = 0	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **DisplayInst**: 9140 = I **CrossTradeFlag**: 9355 = 0	**Order Price** = [Price] **Order Priority** = I **TIF** = 00	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **DisplayInst**: 9140 = I **CrossTradeFlag**: 9355 = 0
LOC ORDER	**Type** = O **Price** = [Price] **TIF** = 0 **Cross Type** = C	**Type** = Q **Price** = [Price] **TIF** = 0 **Cross Type** = C	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **CrossTradeFlag**: 9355 = C	**Order Price** = [Price] **TIF** = 0C	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **CrossTradeFlag**: 9355 = C
MOC ORDER	**Type** = O **Price** = 0 **TIF** = 0 **Cross Type** = C	**Type** = Q **Price** = 0 **TIF** = 0 **Peg Type** = P **Cross Type** = C	**TIF**: 59 = 3 **OrdType**: 40 = 1 **CrossTradeFlag**: 9355=C	**Order Price** = MKT **TIF** = 0C	**TIF**: 59 = 3 **OrdType**: 40 = 1 **CrossTradeFlag**: 9355=C
IO CLOSE ORDER	**Type** = O **Price** = [Price] **TIF** = 0 **Display** = I **Cross Type** = C	**Type** = Q **Price** = [Price] **TIF** = 0 **Display** = I **Cross Type** = C	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **DisplayInst**: 9140 = I **CrossTradeFlag**: 9355 = C	**Order Price** = [Price] **Order Priority** = I **TIF** = 0C	**TIF**: 59 = 3 **OrdType**: 40 = 2 **Price**: 44 = [Price] **DisplayInst**: 9140 = I **CrossTradeFlag**: 9355 = C

OTHER ORDER TYPES

ORDER TYPE	OUCH	RASHPORT	FIX	QIX	FLITE
GOOD TILL MARKET CLOSE ORDER (4 a.m. – 4 p.m.)	**TIF** = 99998	**TIF** = 99998	**TIF**: 59 = 0	**Not Supported**	**TIF**: 59 = 0
GTT ORDER	**TIF** = [seconds until order expires]	**TIF** = [seconds until order expires]	**TIF**: 59 = 6 **ExpireTime**: 126 = Expire Time (in GMT)	**Not Supported**	**Not Supported**