



The option classes listed below will begin trading on the MIAX Pearl Exchange at the start of trading on **Thursday, December 23, 2021**. All option classes on MIAX Pearl have an allocation style of Price-Time and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	Cloud
ADIL	ADIAL PHARMACEUTICALS, INC	ADIL	No	NASDAQ	4:00	1
AKUS	AKOUOS INC	AKUS	No	NASDAQ	4:00	1
ALPP	ALPINE 4 HOLDINGS, INC.	ALPP	No	NASDAQ	4:00	1
AMPL	AMPLITUDE INC	AMPL	No	NASDAQ	4:00	1
ARCE	ARCO PLATFORM LTD.	ARCE	No	NASDAQ	4:00	1
ATMR	ALTIMAR ACQUISITION CORP. II	ATMR	No	NYSE	4:00	1
AVDX	AVIDXCHANGE HOLDINGS INC	AVDX	No	NASDAQ	4:00	1
BBAI	BigBear.ai Holdings, Inc. (old GIG)	BBAI	No	NYSE	4:00	2
BDRY	BREAKWAVE DRY BULK SHIPPING ETF	BDRY	No	NYSE Arca	4:00	2
BENE	BENESSERE CAPITAL ACQUISITION CORP	BENE	No	NASDAQ	4:00	2
BRAG	BRAGG GAMING GROUP INC.	BRAG	No	NASDAQ	4:00	2
BTRS	BTRS HOLDINGS INC.	BTRS	No	NASDAQ	4:00	2
CCV	CHURCHILL CAPITAL CORP. V	CCV	No	NYSE	4:00	2
CND	CONCORD ACQUISITION CORP	CND	No	NYSE	4:00	2
CNMD	CONMED CORP.	CNMD	No	NYSE	4:00	2
COR	Coresite Realty Corp.	COR	No	NYSE	4:00	2
CPLG	COREPOINT LODGING INC	CPLG	No	NYSE	4:00	2
CPUH	COMPUTE HEALTH ACQUISITION CORP.	CPUH	No	NYSE	4:00	2
CRHC	COHN ROBBINS HOLDINGS CORPORATION	CRHC	No	NYSE	4:00	2
CRU	CRUCIBLE ACQUISITION CORP.	CRU	No	NYSE	4:00	2
DOGZ	DOGNESS INTERNATIONAL CORPORATION	DOGZ	No	NASDAQ	4:00	3

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DPRO	DRAGANFLY INC	DPRO	No	NASDAQ	4:00	3
DSGX	DESCARTES SYSTEM GROUP INC	DSGX	No	NASDAQ	4:00	3
DXLG	DESTINATION XL GROUP, INC.	DXLG	No	NASDAQ	4:00	3
ECOL	Ecology Inc	ECOL	No	NASDAQ	4:00	3
EVOP	EVO PAYMENTS INC	EVOP	No	NASDAQ	4:00	3
EVTL	Vertical Aerospace Ltd.	EVTL	No	NYSE	4:00	3
FCUV	FOCUS UNIVERSAL INC	FCUV	No	NASDAQ	4:00	3
FINX	GLOBAL X FINTECH ETF	FINX	No	NASDAQ	4:00	3
FXLV	F45 TRAINING HOLDINGS, INC.	FXLV	No	NYSE	4:00	3
GCP	GCP Applied Technologies Inc	GCP	No	NYSE	4:00	4
GDP	GOODRICH PETROLEUM CORPORATION	GDP	No	AMEX	4:00	4
GREE	GREENIDGE GENERATION HOLDINGS INC	GREE	No	NASDAQ	4:00	4
GROM	GROM SOCIAL ENTERPRISES, INC.	GROM	No	NASDAQ	4:00	4
HIVE	HIVE BLOCKCHAIN TECHNOLOGIES LTD.	HIVE	No	NASDAQ	4:00	4
HJEN	DIREXION HYDROGEN ETF	HJEN	No	NYSE Arca	4:00	4
IIIV	I3 VERTICALS INC	IIIV	No	NASDAQ	4:00	5
IMCC	IM CANNABIS CORP	IMCC	No	NASDAQ	4:00	5
IVAN	IVANHOE CAPITAL ACQUISITION CORP.	IVAN	No	NYSE	4:00	5
JOBS	51 Jobs Inc	JOBS	No	NASDAQ	4:00	5
JXN	JACKSON FINANCIAL INCORPORATION	JXN	No	NYSE	4:00	5
KBNT	KUBIENT INC	KBNT	No	NASDAQ	4:00	5
KIDS	ORTHOPEDIATRICS CORP	KIDS	No	NASDAQ	4:00	5
KRBN	KraneShares Global Carbon Strategy ETF	KRBN	No	NYSE Arca	4:00	5
KULR	KULR TECHNOLOGY GROUP INC	KULR	No	AMEX	4:00	5



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KZR	KEZAR LIFE SCIENCES INC	KZR	No	NASDAQ	4:00	5
LAW	CS DISCO, INC	LAW	No	NYSE	4:00	5
LDI	LOANDEPOT, INC.	LDI	No	NYSE	4:00	5
LHDX	LUCIRA HEALTH, INC.	LHDX	No	NASDAQ	4:00	5
LMFA	LM FUNDING AMERICA INC	LMFA	No	NASDAQ	4:00	5
LSXMK	LIBERTY MEDIA CORP-SIRIUSXM C	LSXMK	No	NASDAQ	4:00	5
META	ROUNDHILL BALL METAVERSE ETF	META	No	NYSE Arca	4:00	6
MIMO	AIRSPAN NETWORKS HOLDINGS INC.	MIMO	No	AMEX	4:00	6
MNOV	PROG Holdings, Inc.	MNOV	No	NASDAQ	4:00	6
MSP	DATTO HOLDING CORP.	MSP	No	NYSE	4:00	6
NABL	N-ABLE, INC	NABL	No	NYSE	4:00	6
NVTS	NAVITAS SEMICONDUCTOR CORPORATION	NVTS	No	NASDAQ	4:00	6
OLMA	Aurora Innovation, Inc.	OLMA	No	NASDAQ	4:00	7
ONCR	ONCORUS, INC.	ONCR	No	NASDAQ	4:00	7
ONTF	ON24, INC	ONTF	No	NYSE	4:00	7
PDFS	PDF Solutions Inc	PDFS	No	NASDAQ	4:00	7
PTLO	PORTILLOS INC	PTLO	No	NASDAQ	4:00	7
RLGT	Radiant Logistics, Inc.	RLGT	No	AMEX	4:00	7
RMBL	RUMBLEON, INC.	RMBL	No	NASDAQ	4:00	7
ROG	ROGERS CORPORATION	ROG	No	NYSE	4:00	7
SITM	SITIME CORP	SITM	No	NASDAQ	4:00	8
SRAD	SPORTRADAR GROUP	SRAD	No	NASDAQ	4:00	8
STEP	STEPSTONE GROUP INC	STEP	No	NASDAQ	4:00	8
THRY	THRYV HOLDINGS, INC.	THRY	No	NASDAQ	4:00	8



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TOKE	CAMBRIA CANNABIS ETF	TOKE	No	BATS	4:00	8
UONEK	URBAN ONE INC	UONEK	No	NASDAQ	4:00	9
WCLD	WISDOMTREE CLOUD COMPUTING FUND	WCLD	No	NASDAQ	4:00	10
XMTR	XOMETRY INC.	XMTR	No	NASDAQ	4:00	10
XPDI	POWER & DIGITAL INFRASTRUCTURE ACQUISITION CORP	XPDI	No	NASDAQ	4:00	10
XPOF	XPONENTIAL FITNESS, INC	XPOF	No	NYSE	4:00	10

Please contact MIAX Options Listings with any questions.

Listings@MIAXOptions.com

(609) 897-7308