

The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Thursday, December 8, 2022**. All option classes on MIAX Options have an allocation style of Pro-Rata and billing style of Conventional.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
AIMC	Altra Industrial Motion Corp.	AIMC	No	NASDAQ	4:00	Susquehanna Securities	1
ALKT	ALKAMI TECHNOLOGY INC	ALKT	No	NASDAQ	4:00	Wolverine Trading, LLC	1
AMK	ASSETMARK FINANCIAL HOLDINGS, INC.	AMK	No	NYSE	4:00	Susquehanna Securities	1
AMPX	AMPRIUS TECHNOLOGIES INC	AMPX	No	NYSE	4:00	Citadel Securities, LLC	1
ARKO	ARKO CORP	ARKO	No	NASDAQ	4:00	Susquehanna Securities	1
BHVN	BIOHAVEN LTD	BHVN	No	NYSE	4:00	Susquehanna Securities	2
BVH	BLUEGREEN VACATIONS HOLDING CORPORATION	BVH	No	NYSE	4:00	Wolverine Trading, LLC	2
CTKB	CYTEK BIOSCIENCES, INC.	CTKB	No	NASDAQ	4:00	Susquehanna Securities	3
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	DGS	No	NYSE Arca	4:00	Citadel Securities, LLC	4
DH	DEFINITIVE HEALTHCARE CORP.	DH	No	NASDAQ	4:00	Wolverine Trading, LLC	4
EPIX	ESSA PHARMA INC	EPIX	No	NASDAQ	4:00	Susquehanna Securities	5
FNGR	FINGERMOTION INC	FNGR	No	NASDAQ	4:00	Citadel Securities, LLC	6
FORG	FORGEROCK INC	FORG	No	NYSE	4:00	Susquehanna Securities	6
IGAC	IG ACQUISITION CORP	IGAC	No	NASDAQ	4:00	Citadel Securities, LLC	9
KNBE	KNOWBE4, INC.	KNBE	No	NASDAQ	4:00	Susquehanna Securities	10
LFG	Archaea Energy Inc.	LFG	No	NYSE	4:00	Susquehanna Securities	11
LTH	LIFE TIME GROUP HOLDINGS, INC.	LTH	No	NYSE	4:00	Citadel Securities, LLC	11
LYRA	LYRA THERAPEUTICS, INC.	LYRA	No	NASDAQ	4:00	Susquehanna Securities	11
NESR	National Energy Services Reunited Corp	NESR	No	NASDAQ	4:00	Wolverine Trading, LLC	13
NTB	THE BANK OF N.T. BUTTERFIELD & SON LIMITED	NTB	No	NYSE	4:00	Citadel Securities, LLC	13
NTNX	Nutanix, Inc.	NTNX	No	NASDAQ	4:00	Wolverine Trading, LLC	13

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PFFD	GLOBAL X U.S. PREFERRED ETF	PFFD	No	NYSE Arca	4:00	Wolverine Trading, LLC	14
PYCR	PAYCOR HCM, INC.	PYCR	No	NASDAQ	4:00	Citadel Securities, LLC	14
ROG	ROGERS CORPORATION	ROG	No	NYSE	4:00	Susquehanna Securities	15
STOR	STORE Capital Corporation	STOR	No	NYSE	4:00	Susquehanna Securities	16
TDY	Teledyne Technologies Inc	TDY	No	NYSE	4:00	Citadel Securities, LLC	17
USER	USERTESTING, INC.	USER	No	NYSE	4:00	Susquehanna Securities	18
VO	Vanguard Mid-Cap ETF	VO	No	NYSE Arca	4:00	Citadel Securities, LLC	19

Please contact MIAX Options Listings with any questions.

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