

Source	Product		Illinois Destinations			New Jersey Destinations <sup>2</sup>			London Destinations			Madrid Destination		Marseille Destination		Zurich Destination		Milan Destination		Frankfurt Destination		Singapore Destination			
	Exchange	Product	Initial Offer for First Data Center (DC)			Initial Offer for First DC	Each Add'l		Initial Offer for First DC	Each Add'l	Cost for 1 DC in NJ, London	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, MAD	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, MRS	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, ZH4	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, I.Net	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, FR				
Illinois Sources <sup>A</sup>	CME Group	Equity Index Futures	\$4,200 for all CME channels			=\$10,600	+\$2,100		+\$7,900	+\$1,600	=\$18,500	+\$2,600	=\$21,100	+\$2,600	=\$21,100	+\$2,500	=\$21,000	+\$2,500	=\$21,000	+\$5,200	=\$23,700				
		Small Cap Equity Index Futures				=\$10,600	+\$2,100		+\$7,900	+\$1,600	=\$18,500														
		NonDollar Index Equity Futures				=\$5,300	+\$1,100		+\$3,900	+\$800	=\$9,200	+\$2,600	=\$11,800	+\$2,600	=\$11,800	+\$2,500	=\$11,700	+\$2,500	=\$11,700	+\$5,200	=\$14,400				
		Gov't Bond Futures				=\$10,600	+\$2,100		+\$7,900	+\$1,600	=\$18,500	+\$2,600	=\$21,100	+\$2,600	=\$21,100	+\$2,500	=\$21,000	+\$2,500	=\$21,000	+\$5,200	=\$23,700				
		FX Futures				=\$10,600	+\$2,100		+\$7,900	+\$1,600	=\$18,500	+\$2,600	=\$21,100	+\$2,600	=\$21,100	+\$2,500	=\$21,000	+\$2,500	=\$21,000	+\$5,200	=\$23,700				
		Energy Futures				=\$6,400	+\$1,300		+\$5,000	+\$1,000	=\$11,400	+\$2,600	=\$14,000	+\$2,600	=\$14,000	+\$2,500	=\$13,900	+\$2,500	=\$13,900	+\$5,200	=\$16,600				
		Metal Futures				=\$6,400	+\$1,300		+\$5,000	+\$1,000	=\$11,400	+\$2,600	=\$14,000	+\$2,600	=\$14,000	+\$2,500	=\$13,900	+\$2,500	=\$13,900	+\$5,200	=\$16,600				
	TheICE	Equity Index Futures	\$4,200 for both ICE channels			=\$6,400	+\$1,300		+\$5,000	+\$1,000	=\$11,400														
Energy Futures	=\$8,500	+\$1,700					+\$7,000	+\$1,400	=\$15,500																
	Exchange	Product	Initial Offer for First DC	Each Add'l		Initial Offer for First DC	Each Add'l		Initial Offer for First DC	Each Add'l	Cost for 1 DC in NY4, London														
New Jersey Source <sup>A</sup>	NASDAQ	Select ETFs	=\$10,600	+\$2,100		=\$3,200	+\$3,200		+\$2,000	+\$400	=\$5,200														
		eSpeed Cash Treasuries	=\$10,600	+\$2,100		=\$5,300	+\$5,300		+\$2,900	+\$600	=\$8,200														
	Exchange	Product	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ, & IL	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ	Initial Offer for First DC	Each Add'l		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC					
London Sources <sup>B,3</sup>	TheICE (LIFFE)	Equity Index Futures				+\$2,000	+\$400	=\$5,200																	
		Gov't Bond Futures				+\$1,400	+\$300	=\$4,600	=\$3,200	+\$3,200	=\$2,100	=\$2,100	=\$2,100	=\$2,100	=\$4,200										
	Euronext	Equity Index Futures				+\$900	+\$200	=\$4,100	=\$3,200	+\$3,200															
	LME <sup>6</sup>	Metals Futures				+\$4,000	+\$800	=\$8,500	+\$1,400	+\$300	=\$4,500	=\$3,100	+\$3,100	=\$2,100	=\$5,000	=\$5,000	=\$5,000	=\$5,000	=\$4,100						
	Exchange	Product	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ, & IL	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ	Initial Offer for First DC	Each Add'l		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC					
Frankfurt Source <sup>C,4</sup>	Eurex	Equity Index Futures	+ €4,600	+ €900	= €17,500	+ €6,000	+ €1,200	= €12,900	= €6,900	+ €1,400		= €6,900		= €6,900											
		Gov't Bond Futures	+ €4,600	+ €900	= €17,500	+ €6,000	+ €1,200	= €12,900	= €6,900	+ €1,400		= €6,900		= €6,900											
	Exchange	Product																				Initial Offer for First DC			
Tokyo Source <sup>D,5</sup>	OSE	Equity Index Futures																				= ¥ 1,400,000			

Quincy Extreme Data

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Footnotes	Data at Source/ Fiber Arbitration/ RF Protected Service	Legend
<p><sup>1</sup> Discount available for companies under 100 employees</p> <p><sup>2</sup> Mahwah Surcharge = \$2,200/product MRC, £1,600/product or €1,800/product</p> <p><sup>3</sup> London sourced products priced in GBP</p> <p><sup>4</sup> Eurex Equity Futures and Bond Futures priced in Euro</p> <p><sup>5</sup> Osaka Equity Futures priced in Yen</p> <p><sup>6</sup> LME offered as 3-Month rolling contract</p>	<p>A MRC for each additional data is \$1,100/product</p> <p>B MRC for each additional data is £800/product</p> <p>C MRC for each additional data is €900/product</p> <p>D MRC for each additional data is ¥123,000/product</p>	<p><b>Contents</b>    <b>Meaning</b></p> <p>= \$10,600    The "=" in front of \$10,600 means that the MRC of this product in this data center (DC) is \$10,600.</p> <p>+ \$10,600    The "+" in front of \$10,600 means the MRC is \$10,600 above the cost of the region closer to the source.</p> <p style="text-align: right;"><b>Pricing as of January 1, 2018</b></p>

Quincy Data Microwave Market Data Products											
Source	Product		Illinois Destinations	New Jersey Destinations	London Destinations	Madrid Destination	Marseille Destination	Zurich Destination	Milan Destination	Frankfurt Destination	Singapore Destination
	Exchange	Product	Instruments within Chicago	Instruments Chicago to New Jersey	Instruments Chicago to London	Instruments Chicago to Madrid	Instruments Chicago to Marseille	Instruments Chicago to Zurich	Instruments Chicago to Milan	Instruments Chicago to Frankfurt	Instruments Japan to Singapore
Illinois Sources	CME Group	Equity Index Futures	SP500, NASD100, DJIA, SP400	SP500, NASD100, DJIA, SP400	SP500, NASD100, DJIA, SP400	SP500	SP500	SP500	SP500	SP500	
		Small Cap Equity Index Futures	R2K	R2K	R2K						
		NonDollar Equity Index Futures	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225
		Gov't Bond Futures	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	10YR	10YR	10YR	10YR	10YR	10YR
		FX Futures	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, GBP	EUR, GBP	EUR, GBP	EUR, GBP	EUR, GBP	EUR, GBP
		Energy Futures	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas
		Metal Futures	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper
	ICE	Equity Index Futures	EM, EAFE	EM, EAFE	EM, EAFE						
		Energy Futures	Brent	Brent	Brent						
	Exchange	Product	Instruments New Jersey to Chicago	Instruments Chicago to New Jersey	Instruments Chicago to London						
New Jersey Source	NASDAQ	Select ETFs	SPY, IWM, EEM, QQQ, GLD, EFA, DIA, TLT	SPY, IWM, EEM, QQQ, GLD, EFA, DIA, TLT	SPY, IWM, EEM, QQQ, GLD, EFA, DIA, TLT						
		eSpeed Cash Treasuries	2YR, 3YR, 5YR, 7YR, 10YR, and 30YR	2YR, 3YR, 5YR, 7YR, 10YR, and 30YR	2YR, 3YR, 5YR, 7YR, 10YR, and 30YR						
	Exchange	Product	Instruments London to Chicago	Instruments London to New Jersey	Instruments in London Local	Instruments London to Madrid	Instruments London to Marseille	Instruments London to Zurich	Instruments London to Milan	Instruments London to Frankfurt	
London Sources	ICE (LIFFE)	Equity Index Futures		FTSE 100	FTSE 100						
		Gov't Bond Futures		Long Gilt	Long Gilt	Long Gilt	Long Gilt	Long Gilt	Long Gilt	Long Gilt	
	Euronext	Equity Index Futures		CAC40, AEX25	CAC40, AEX25						
	LME	Metals Futures	3-Month CA	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	
	Exchange	Product	Instruments Frankfurt to Chicago	Instruments Frankfurt to New Jersey	Instruments Frankfurt to London	Instruments Frankfurt to Madrid	Instruments Frankfurt to Marseille				
Frankfurt Source	Eurex	Equity Index Futures	EuroStoxx	EuroStoxx, Dax EuroStoxx Banks	EuroStoxx, Dax, EuroStoxx Banks	EuroStoxx, Dax, EuroStoxx Banks	EuroStoxx, Dax, EuroStoxx Banks				
		Gov't Bond Futures	Bund	Bund, Bobl, Shatz	Bund, Bobl, Shatz	Bund, Bobl, Shatz	Bund, Bobl, Shatz				
	Exchange	Product									Instruments Tokyo to Singapore
Tokyo Source	OSE	Equity Index Futures									Nikkei 225, Nikkei 225 mini, Topix