

Tuff Serv Solid State Recorders 2020 Price List

<u>Section/PN</u>	<u>Description</u>	2020 Domestic Price List
1	DISCOUNT PLAN	
	Quantity 1 - 4	List Price
	Quantity 5 - 9	5%
	Quantity 10 - 24	10%
	Quantity 25 - 49	15%
	Quantity 50+ contact HQ Contracts Manager	
2	<u>TUFF SERV 200 SERIES PRODUCT LINE</u>	
2.1	TS 220 Solid State Recorder	
2200000-040	TS 220, Video Recorder, 1HD or 2SD, 1Gb Ethernet	\$ 49,000
2200020-010	TS 222 2ch HD or 4ch SD, or 1HD/2SD 1ch GigE	\$ 56,600
2200099-010	Optional 2nd GigE Port (must be ordered with system)	\$ 10,400
2.2	RASP 2260000 Rugged Storage Pack (-20C to 60C)	
2260120-010	RASP, 120 GB Standard Temp	\$ 5,800
2260240-010	RASP, 240GB Standard Temp	\$ 7,500
2.3	RASP 2267000 Rugged Storage Pack (-40C to 75C)	
2267064-020	RASP, 64 GB Extended Temp	\$ 6,900
2260121-010	RASP, 120 GB Extended Temp	\$ 7,400
2260241-010	RASP, 240GB Extended Temp	\$ 7,900
2.4	TS 220/222 Cockpit Control Unit	
1001022-010	TS 220/222 Cockpit Control Unit (cables - see TS100v type cables supplied)	\$ 9,900
1317682-010	TS 220 I/O Mating Connector Kit (Power, Ethernet, and General I/O Interfaces)	\$ 6,000
3	<u>TS 280 Product Line</u>	
3.1	TS 282 System Configurations	
2829901-010	TS 282FN with 960GB RSM and 8GB cRSM (NGC Cfg Ctrl)	\$ 131,531

2829921-010	TS 282HC with 240GB RSM (NAVAIR Cfg Ctrl)	\$ 82,000
2820090-010	TS282HC Rugged File/App Server, 4 GigE, (C919) No RSM Storage, No FC Interface, No cRSM	\$ 72,400
2829910-010	TS 282FN NFS Mission Chassis System (NGC Cfg Ctrl)	\$ 116,600
3.1.1	RSM 2869900 Removal Storage Arrays (-20C to 60C)	
2869920-010	RSM, 960GB SSD Storage (NAVAIR Cfg Ctl), Class	\$ 17,800
2869925-010	RSM, 960GB SSD Storage TS 282, CC, ALT	\$ 17,800
3.1.2	cRSM 2269000 Rugged Storage Pack (-40C to 75C)	
2269204-010	cRSM, 8 GB Storage Pack (Cfg Ctrl)	\$ 4,400
2820250-010	TS282 Download Station	\$ 19,100
4	<u>TUFF SERV 400 SERIES PRODUCT LINE</u>	
4.1	TS 480 Solid State Recorder	
4800000-020	TS 480 Rugged File/App Server	\$ 59,700
4801000-010	TS 480V2 Rugged File/App Server	\$ 64,100
4800021-010	TS 480FP with 2GigE and 2 sFPDP(TEKMicro)	\$ 95,400
4800021-020	TS 480FP with 2GigE and 2 sFPDP(CW SL240)	\$ 105,000
4800024-020	TS 480FP with 2 GigE, and 4 sFPDP (CW SL240)	\$ 112,000
4801020-010	TS 480V2FP WITH 2X1GBE AND 2 SFPDP (2.125 GBS)	\$ 95,400
4800051-010	TS 480GE Rugged GigE Recorder	\$ 69,300
4.2	TS 481 Ground Station 2U	
4810000-050	TS 481 Ground System, Blu Ray (2U)	\$ 29,000
4810010-010	TS 481 Ground System, Blu Ray (2U), w/10GigE Intf.	\$ 30,700
4810001-020	TS 481 Ground Systems Remv HDD (2U)	\$ 29,900
4810002-020	TS 481 Ground System, Remv SSD (2U)	\$ 30,300
1315470-030	ASSY, Load Port, TS481	\$ 8,100
4.3	TS 485 Rugged Ground System	
4850000-010	TS 485 Rugged Rack File/App Server	\$ 51,900
4.4	RSA 4860000 Removal Storage Arrays (0C to 60C)	
4860960-020	RSA, 960 GB, SSD Array	\$ 19,700
4861920-050	RSA, 1920 GB, SSD Array	\$ 28,300
4863840-020	RSA, 3840 GB, SSD Array	\$ 46,000
4.4.1	RSA 4860001 Removal Storage Arrays (-40C to 71C)	

4860641-030	RSA, 640 GB, SSD Array (limited availability)	\$ 23,700
4860961-020	RSA, 960 GB, SSD Array	\$ 24,000
4861921-050	RSA, 1920 GB, SSD Array	\$ 31,100
4863841-020	RSA, 3840 GB SSD Array	\$ 51,400
5	<u>TUFF SERV 500 SERIES PRODUCT LINE</u>	
5.1	TuffCORD MDR	
5500000-010	TuffCORD Mission Data Recorder	\$ 23,400
5500001-010	TuffCORD with IRIG-B	\$ 31,800
5500002-010	TuffCORD with MIL-STD-1553B Acquisition	\$ 39,000
5500005-010	TuffCORD with 3 1GigE Interface	\$ 27,700
5500007-010	TuffCORD with UVDR Mission Data Recorder with uncompressed HD-SDI including KLV metadata	\$ 30,535
5.1.1	TuffCORD Memory Module (C-TEMP 0C to +60C)	
5560050-010	TuffCORD 512GB Memory Module, C-Temp	\$ 7,500
5560100-010	TuffCORD 1TB Memory Module, C-Temp	\$ -
5560200-010	TuffCORD 2TB Memory Module, C-Temp	\$ 17,800
5560400-010	TuffCORD 4TB Memory Module, C-Temp	\$ 26,500
5.1.2	TuffCORD Memory Module (I - TEMP -40C to +71C)	
5560051-010	TuffCORD 512GB Memory Module, AES-256 Encryption, I-Temp	\$ 7,700
5560101-010	TuffCORD 1TB Memory Module, AES-256 Encryption, I-Temp	\$ 12,000
5560201-010	TuffCORD 2TB Memory Module, AES-256 Encryption, I-Temp	\$ 20,000
5560401-010	TuffCORD 4TB Memory Module AES-256 Encryption, I-Temp	\$ 30,600
5560801-010	TuffCORD 8TB Memory Module AES-256 Encryption, I-Temp	\$ 41,000
5562001-010	TuffCORD 20TB Memory Module AES-256 Encryption, I-Temp	\$ 87,600
5.1.3	TuffCORD Memory Module (I - TEMP -40C to +71C/FIPS-140-2)	
	1TB FIPS 140-2 Memory Module	\$ 12,600
	2TB FIPS 140-2 Memory Module	\$ 22,500
	4TB FIPS 140-2 Memory Module	\$ 28,700
5.1.4	TuffCORD Download Systems	

5510000-010	TuffCORD Docking Station	\$ 11,300
1319391-00	Smartcable MDR, TuffCORD memory module docking station	\$ 7,700
5.1.5	Shipsets	
5500101-010	TuffCORD Shipset to include: Qty. (1) TuffCORD Mission Data Recorder, Qty. (1) 2TB FIPS 140-2 RMM, Qty. (1) HD-SDI Encoder Card	\$ 52,700
5.2	TS540 SSR	
5409901-010	TuffServ TS540FP, RS232 Control, Ethernet I/F, 4CH sFPDP 28V	\$ 116,800
5409902-010	TS540FP Small NAS Mission Data Recorder, with 4 channels sFPDP, 2 channels GigE, 28V	\$ 100,000
5409911-010	TS540RT Small, Radiation Tolerant, NAS Mission Data Recorder with 2 GbE, 1 10/100, 28V1\$	\$ 109,900
5.3	TS541 Download Station	
5410000-010	TS541, Download Station, 1CH, 10GBE	\$ 56,300
1318975-010	TS541 Download Kit including: Lab Power Supply, 1x 1318035-010, 1x 1318031-010, 1x 1319300-010	\$ 10,600
1318971-010	TS541 Download Kit including: Lab Power Supply, 1x 1318035-010, 1x 1318031-010, 1x 1318026-010	\$ 12,100
5.3.1	Solid State Removable Storage (-40C to +71C)	
5460021-010	2TB Solid State Storage Module	\$ 32,500
5460041-010	4TB Solid State Storage Module	\$ 55,700
5469901-010	8TB Solid State Storage Module	\$ 99,500
5469902-010	16TB Solid State Storage Module	\$ 193,100
5.3.2	Solid State Removable Storage	
5469981-010	8TB Radiation Tolerant Solid State Storage Module	\$ 99,500
6	<u>TUFF SERV 600 SERIES PRODUCT LINE</u>	
6.1	TS 640 Product Line	
6400000-010	TS640 Airborne NAS Server/Recorder, GigE Control, (2)10GigE Channels, Power 28V, 1/2 ATR Chassis	\$ 114,600

6400004-010	TS640 Airborne NAS Server/Recorder, GigE Control, (4)10GigE Channels, Power 28V, 1/2 ATR Chassis	\$ 148,200
6400021-010	TS640 Airborne NAS Server/Recorder, GigE Control, (2)Channels sFPDP	\$ -
6400024-010	TS640 sFPDP NAS Server/Recorder, GigE Control, (4)Channels sFPDP	\$ 178,700
6.1.1	Cables	
1319349-010	KIT, CABLE, EXTERNAL +28V IN, TS640, TuffCORD	\$ 325
1319350-010	KIT, CABLE, EXTERNAL 1GiGE,TS640, TuffCORD	\$ 300
6.1.2	Solid State Removable Rugged Storage Pack	
CLASS A	Fully Rugged, Aerospace controlled supply chain	
6460200-030	RSA, 2TB, AES-256, C-TEMP	\$ 37,200
6460400-030	RSA, 4TB, AES-256, C-TEMP	\$ 48,700
6460800-030	RSA, 8TB, AES-256, C-TEMP	\$ 82,300
6461600-030	RSA, 16TB, AES-256, C-TEMP	\$ 142,800
6460201-030	2TB SS RSA with AES-256	\$ 40,500
6460401-030	4TB SS RSA with AES-256	\$ 59,000
6460801-010	8TB SS RSA with AES-256	\$ 90,800
6461201-010	12TB SS RSA with AES-256	\$ 158,300
6461601-010	16TB SS RSA with AES-256	\$ 190,400
6463201-010	32TB SS RSA with AES-256	\$ 378,700
6468001-010	80TB SS RSA with AES-256	\$ 1,027,200
646XXX2-010	RSA, Non-AES, C-Temp	
646XXX3-010	RSA, Non-AES, I-Temp	
CLASS B	US controlled supply chain	
646XXX4-010	RSA, AES-256, C-Temp	
646XXX5-010	RSA, Non-AES, C-Temp	
646XXX7-010	RSA, AES-256, I-Temp	
646XXX8-010	RSA, Non-AES, I-Temp	
CLASS C	Commercially available supply chain	
6460209-010	RSA, 2TB, C-Temp, Lab grade	
6460409-010	RSA, 4TB, C-Temp, Lab grade	
6460809-010	RSA, 8TB, C-Temp, Lab grade	
6461609-010	RSA, 16TB, C-Temp, Lab grade	
6463209-010	RSA, 32TB, C-Temp, Lab grade	\$ 47,200

6.2	TS641 Product Line	
6410000-020	TS641 Ground Download Unit, 40GigE Back Side pipe for data transfer, RSA Port, Power 120V. Contact Ampex for data storage RAID Disk Farm Storage and Turn-key options if desired.	\$ 36,900
6.3	TS645 Product Line	
6450000-010	TS645 Ground 10GigE NAS Server/Recorder, GigE Control, (2)10GigE Channels, Power 120V, uses same RSA storage as airborne unit 19" Rack Mountable	\$ 62,100
6450021-010	TS645 Ground 10GigE NAS Server/Recorder, GigE Control, (2)Channels sFPDP, Power 120V 19" Rack Mountable	\$ 92,300
6450024-010	TS645 Ground sFPDP Server/Recorder GigE Control, (4)Channels sFPDP, Power 120V 19" Rack Mountable	\$ -
7	Ampex Rack Mounted Solutions	
1318940-010	TRS350 Ethernet Data Recorder, 8TB	\$ 36,400
1318941-010	TRS350 Ethernet Data Recorder, 16TB	\$ 45,000
1318942-010	TRS350 Ethernet Data Recorder, 32TB	\$ 64,700
1318943-010	TRS350 GPU add-on	\$ 4,000
1318944-010	TRS350 40GigE add-on	\$ 2,600