

Trimm Technologies Ltd

EMEA Standard Product Price List

Effective from 1 December 2000



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Recent Product Introductions (1)

Part Number	Description	Page Ref	LP \$
FR8R	<p>8 Bay Rack/Tower Fibre-Fibre Raid Array</p> <p>Key Features:</p> <ul style="list-style-type: none"> • Rackmount or Tower • Upgradeable to dual, Active-Active RAID Array • Fibre Channel Host to Fibre Channel Drives • RAID levels 0, 1, 3, 5 • Intelligent enclosure status and alarm • Supports 10,000 rpm drives • Redundant Hot-swap Power Supplies and Cooling (N+1) • Dual redundant Fibre Channel loop • Hot swap drives 	10	From 12,650
UT4R	<p>4 Bay Desktop Raid Array</p> <p>Key Features:</p> <ul style="list-style-type: none"> • Power Mac G4 compatible • Windows/UNIX platform independant • RAID Levels 0, 1, 0+1, 3, 4, 5 • 64MB battery supported controller cache • Four SCA80 LVD hot plug disk modules • User changeable power, cooling and RAID controller modules • Intelligent enclosure status and alarm 	10	3,500

Recent Product Introductions (2)

Part Number	Description	Page Ref	LP \$
ULRK 72	<p>8 Bay Rack Raid Array</p> <p>Key Features:</p> <ul style="list-style-type: none"> • RAID levels 0, 1, 0+1, 3, 5, and JBOD • Dual redundant hot-swap controllers • Dual Fibre Channel host connect • 128 MB standard cache per controller, upgradable to 1GB • Redundant hot-swap power and redundant cooling • 8 Hot plug disk canisters for SCA80 disks • Support 10,000 rpm LVD industry standard disks 	8	from 9,500
ULRK 1272	<p>12 Bay Rack Raid Array</p> <p>Key Features:</p> <ul style="list-style-type: none"> • RAID levels 0, 1, 0+1, 3, 5, and JBOD • Dual redundant hot-swap controllers • Dual Fibre Channel host connect • 128 MB standard cache per controller, upgradable to 1GB • Redundant hot-swap power and redundant cooling • 12 Hot plug disk canisters for SCA80 disks • Support 10,000 rpm LVD industry standard disks 	9	from 10,500



Quick Product Selection by Part No. (1)

Part Number	RAID JBOD	RACK TOWER	DISKS	HOST BUS	DISK BUS	PAGE	LP \$
Ultra RAID Range							
URJB - 600	J	T	6	-	2 USE	7	2,400
URJB - 600 - 1	J	T	6	-	1 USE	"	2,400
UR53 - 600S	R	T	6	1 LVD	2 USE	"	4,000
UR56 - 600 LVD2	R	T	6	2 LVD	2 LVD	"	8,700
UR56 - 600 LVD1	R (x2)	T	6	2 LVD	2 LVD	"	13,230
UR56 - 600D - 2	R	T	6	2 UDiff	2 USE	"	8,500
UR56 - 600D - 1	R (x2)	T	6	2 UDiff	2 USE	"	13,030
UR72 - 600 - 2	R	T	6	2 FC	2 LVD	"	9,300
UR72 - 600 - 1	R (x2)	T	6	2 FC	2 LVD	"	15,380
Series 1000 Range							
ULRKJB - 1	J	R/T	8	-	1 LVD	8	2,760
ULRKJB - 2	J	R/T	8	-	2 LVD	"	2,760
ULRKJB - 3	J	R/T	8	-	2 LVD	"	2,840
ULRK54 - 2	R	R/T	8	1 LVD	3 LVD	"	6,640
ULRK54 - 3	R	R/T	8	2 LVD	2 LVD	"	6,640
ULRK56D - 4	R	R/T	8	2 UDiff	2 USE	"	9,060
ULRK56D - 2	R (x2)	R/T	8	2 UDiff	2 USE	"	13,760
ULRK56LVD - 4	R	R/T	8	2 LVD	2 LVD	"	9,060
ULRK56LVD - 2	R (x2)	R/T	8	2 LVD	2 LVD	"	13,760
ULRK72 - 4/BLK	R	R/T	8	2 FC	2 LVD	"	9,500
ULRK72 - 2/BLK	R (x2)	R/T	8	2 FC	2 LVD	"	15,580
ULRK1272 - 4/BLK	R	R	12	2 FC	2 LVD	9	10,500
ULRK1272 - 2/BLK	R (x2)	R	12	2 FC	2 LVD	"	17,080
ULRK55 - 200702 FO	R (x2)	R/T	8	2 LVD	7 LVD	"	26,600
ULRK43 - 2	R	R/T	8	1 LVD	2 LVD	"	5,400
ULRK73 - 2	R	R/T	8	1 FC	3 LVD	"	6,400
ULRK74 - 2	R	R/T	8	1 FC	3 LVD	"	8,780



Quick Product Selection by Part No. (2)

Part Number	RAID JBOD	RACK TOWER	DISKS	HOST BUS	DISK BUS	PAGE	LP \$
Series 2000 Range							
UT2J2 - 300 x	J	T	2	-	1 LVD	10	780
FT2J - 500 x	J	T	2	-	1 FC	"	1,300
FT2J - 502 x	J	T	2	-	2 FC	"	1,500
UT4J2 - 300 x	J	T	4	-	1 LVD	"	980
UT4J2 - 310 x	J	T	4	-	2 LVD	"	1,040
FT4J - 500 x	J	T	4	-	1 FC	"	1,630
FT4J - 502 x	J	T	4	-	2 FC	"	1,830
UT4R - 321 x	R	T	4	1 LVD	2 LVD	"	3,500
UR8J2 - 420 x	J	R/T	8	-	2 LVD	"	2,690
UR8J2 - 421 x	J	R/T	8	-	2 LVD	"	3,090
UR8J2 - 422 x	J	R/T	8	-	2 LVD	"	3,090
FR8J - 500 x	J	R/T	8	-	FC	"	4,000
FR8R - 7241xD	R	R/T	8	FC	FC	11	13,900
UR24JB - 2	J	R/T	24	-	2 LVD	"	10,390
UR24JB - 4	J	R/T	24	-	4 LVD	"	10,390
UR24JB - 8	J	R/T	24	-	8 LVD	"	10,390
UR2455 - 0207FO	R (x2)	R/T	24	2 LVD	7 LVD	"	33,200
- 0405FO	R (x2)	R/T	24	4 LVD	5 LVD	"	33,200

'x' denotes colour option. 1 = Light Grey, 5= Black



Ultra RAID Product Range

Part Number	Description	Host Bus	Disk Bus	LP \$
URJB - 600	JBOD Tower to accomodate 6 SCA drives Consists of 6 removable canisters 2 disk channel	-	2 USE	2,400
URJB - 600 - 1	As above with 1 disk channel	-	1 USE	2,400
UR53 - 600S	RAID Tower to accomodate 6 SCA drives Consists of CMD 5330 controller 6 removable canisters, 32MB of cache 2 disk channels split 3/3 internally	1 LVD	2 USE	4000
UR56 - 600 LVD2	RAID Tower to accomodate 6 SCA drives Consists of CMD 5644 controller 6 removable canisters, 2x32 MB of cache 2 disk channels split 3/3 internally	2 LVD	2 LVD	8,700
UR56 - 600 LVD1	As above with dual CMD 5644 Controllers and 4x32MB of cache	2 LVD	2 LVD	13,230
UR56 - 600D - 2	RAID Tower to accomodate 6 SCA drives Consists of CMD 5642 controller 6 removable canisters, 1x32 MB of cache 2 disk channels split 4/4 internally	2 UDiff	2 USE	8,500
UR56 - 600D - 1	As above with dual CMD 5642 Controllers and 2x32MB of cache	2 UDiff	2 USE	13,030
UR72 - 600 - 2	RAID Tower to accomodate 6 SCA drives Consists of CMD 7220 controller 6 removable canisters, 1x64 MB of cache	2 FC	2 LVD	9,300
UR72 - 600 - 1	As above with dual CMD 7220 Controllers and 4x64MB of cache	2 FC	2 LVD	15,380



Trimm Series 1000 Product Range (1)

Part Number	Description	Host Bus	Disk Bus	LP \$
ULRKJB - 1	JBOD Rackmount to accomodate 8 SCA drives Consists of 8 removable canisters 1 disk channel, internal termination	-	1 LVD	2,760
ULRKJB - 2	As above with 2 disk channels, no termination	-	2 LVD	2,760
ULRKJB - 3	As above with 2 disk channels, internal termination	-	2 LVD	2,840
ULRK54 - 2	Raid Rackmount to accomodate 8 SCA drives Consists of CMD 5440 controller 8 removeable canisters, 1x32MB of cache 3 disk channels split 4/4 internal and 1 external	1 LVD	3 LVD	6,640
ULRK54 - 3	As above with 2 disk channels split 4/4 internal	2 LVD	2 LVD	6,640
ULRK56D - 4	Raid Rackmount to accomodate 8 SCA drives Consists of CMD 5642 controller 8 removeable canisters, 1x32MB of cache 2 disk channels split 4/4 internally	2 UDiff	2 USE	9,060
ULRK56D - 2	As above with dual 5642 controllers and 2x32MB of cache	2 UDiff	2 USE	13,760
ULRK56LVD - 4	Raid Rackmount to accomodate 8 SCA drives Consists of CMD 5644 controller 8 removeable canisters, 1x32MB of cache 2 disk channels split 4/4 internally	2 LVD	2 LVD	9,060
ULRK56LVD - 2	As above with dual 5644 controllers and 2x32MB of cache	2 LVD	2 LVD	13,760
ULRK72 - 4/BLK	Raid Rackmount to accomodate 8 SCA drives Consists of CMD 7220 controller (in black) 8 removeable canisters, 1x64MB of cache	2 FC	2 LVD	9,500
ULRK72 - 2/BLK	As above with dual CMD 7220 controller and 4x64MB of cache	2 FC	2 LVD	15,580

All of the above are available in Tower Versions. Please change ULRK to ULTW and add USD 200 to the Rackmount price.



Trimm Series 1000 Product Range (2)

Part Number	Description	Host Bus	Disk Bus	LP \$
ULRK1272 - 4/BLK	As ULRK72 - 4 but to accomodate 12 SCA drives with 12 removable canisters	2 FC	2 LVD	10,500
ULRK1272- 2/BLK	As ULRK72 - 2 but to accomodate 12 SCA drives with 12 removable canisters	2 FC	2 LVD	17,080
ULRK55 - 200702FO	Raid Rackmount to accomodate 8 SCA drives Consists of dual CMD 5500 controllers 8 removeable canisters, 2x32MB of cache 2x4 Backplane, 5 external disk channels	2 LVD	7 LVD	26,600
ULRK43 - 2	Raid Rackmount to accomodate 8 SCA drives Consists of Chaparral G5312 controller 8 removeable canisters, 1x32MB of cache 2 disk channels split 4/4 internally	1 LVD	2 LVD	5,400
ULRK73 - 2	As above with Chaparral G7313 controller 3 disk channels split 4/4 internally and 1 external	1 FC	3 LVD	6,400
ULRK74 - 2	As above with Chaparral K7413 controller 3 disk channels split 4/4 internally and 1 external	1 FC	3 LVD	8,780

All of the above are available in Tower Versions. Please change ULRK to ULTW and add USD 200 to the Rackmount price.

Trimm Series 2000 Product Range (1)

Part Number	Description	Host Bus	Disk Bus	LP \$
UT2J2 - 300 x	JBOD Desktop to accomodate 2 SCA drives Consists of 2 removable canisters, 1 channel	-	1 LVD	950
FT2J - 500 x	As above with Fibre Host and Fibre Disk Single Loop	-	1 FC	1,300
FT2J - 502 x	As above with Fibre Host and Fibre Disk Dual Loop	-	2 FC	1,500
UT4J2 - 300 x	JBOD Desktop to accomodate 4 SCA drives Consists of 4 removable canisters 1 channel	-	1 LVD	980
UT4J2 - 310 x	As above with 2 channels	-	2 LVD	1,040
FT4J - 500 x	As above with Fibre Host and Fibre Disk Single Loop	-	1 FC	1,630
FT4J - 502 x	As above with Fibre Host and Fibre Disk Dual Loop	-	2 FC	1,830
UT4R - 321 x	RAID Desktop to accomodate 4 SCA drives Consists of Chaparral G5312 controller 4 removable canisters, 64MB of cache no SAF-TE	1 LVD	2 LVD	3,500
UR8J2 - 420 x	JBOD Rackmount to accomodate 8 SCA drives Consists of 8 removable canisters, 2 channels, no SAF-TE	-	2 LVD	2,690
UR8J2 - 421 x	As above with SAF-TE	-	2 LVD	3,090
UR8J2 - 422 x	As above with Multi LUN SAF - TE	-	2 LVD	3,090
FR8J - 500 x	As above with Fibre Host and Fibre Disk Dual Loop	-	FC	3,700
FR8R - 7241xD	RAID Rackmount to accomodate 8 SCA drives Consists Mylex FFX (fibre-fibre) controller 8 removable canisters 128MB of cache	FC	FC	12,650

With the exception of the Desktop Products, all of the above are available in Tower Versions.
Change UR/FR to UT/FT and add USD 200 to the Rackmount price.

'x' denotes colour option. 1 = Light Grey, 5= Black



Trimm 2,000 Product Range (2)

Part Number	Description	Host Bus	Disk Bus	LP \$
UR24JB - 2 (Cube)	JBOD Rackmount to accomodate 24 SCA drives Consists 24 removable canisters 2 channels (12 drives per channel) with SAF-TE	-	2 LVD	10,390
UR24JB - 4	As above with 4 channels (6 drives per channel)	-	4 LVD	10,390
UR24JB - 8	As above with 8 channels (3 drives per channel)	-	8 LVD	10,390
UR2455 - 0207FO	RAID Rackmount to accomodate 24 SCA drives Consists of dual CMD 5500 controllers 24 removable canisters 2x32MB of cache, with SAF-TE	2 LVD	7 LVD	33,200
UR2455 - 0405FO	As above with 4 host and 5 disk channels	4 LVD	5 LVD	33,200

With the exception of the Desktop Products, all of the above are available in Tower Versions.
 Change UR/FR to UT/FT and add USD 200 to the Rackmount price.

'x' denotes colour option. 1 = Light Grey, 5= Black



CD Server Product Range

Part Number	Description	Bus Type	LP \$
TKB - 200388 (Tacklebox)	Tower to accommodate 8 CD drives Consists of 8 CD slots and 200W PSU	Cent	490
STB - 200388 (Strongbox)	As above with pedestal and front door	Cent	780
DKB - 4003 (Dukebox)	Tower to accommodate 16 CD drives Consists of 16 CD slots and 2x200W PSU, pedestal and front doors	Cent	1,480
CDS200 - 2	Network Attached Tower to accommodate 7 CD drives Consists of Axis (10 Base T) controller 200W PSU, 1 channel internal and 1 expansion channel	Cent	2,190
CDS200 - 3	As above with Axis (10/100 Base T) controller and 1 internal SCSI channel	Cent	2,120
CDS200 - 4	As above with Axis (10/100 Base T) controller, 1 internal channel and 1 expansion channel	Cent	2,900
CDE200	Expansion Tower for 8 CDs	Cent	600
Rackmount Versions	Change CDS and CDE to CDR	Cent	Deduct USD 150 from Tower Price
DKB - 4003 - 2	Network Attached Tower to accommodate 15 CD drives Consists of axis (10 Base T) controller 2x200W PSU, pedestal and front door	Cent	2,900
DKB - 4003 - 3	As above with axis (10/100 Base T) controller	Cent	3,500
CDS200 DC - 1	Network Attached Tower to accommodate 6 CD drives Consists of axis (10/100 Base T) controller 1x18GB Hard Drive for disk caching 200W PSU 1 internal SCSI channel	Cent	4,400
CDS200 DC - 2	As above with 1 internal and 1 expansion SCSI channel	Cent	4,840
Rackmount Version	Change CDS to CDR	Cent	Deduct USD 150 from Tower Price

Desktop Disk and Tape Product Range (1)

3.5" Drive Enclosures

Part Number	Description	Bus Type	LP \$
MTB - 353	MatchBox, 40W, for 1xHDD max 7,200rpm	Cent	145
MTB - 355	MatchBox, 40W, wide-SCSI, for 1xHDD max 7,200rpm	LVD	164
MLB - 3531	MatchBox, 40W, open face, for Sony/HP DAT drives	Cent	145
MLB - 3551	MatchBox, 40W, open face, for Sony/HP DAT drives	LVD	164
TRB - 0503	TrinketBox, 50W, for 1xHDD max 10,000rpm	Cent	164
TRB - 0505	TrinketBox, 50W, wide-SCSI, for 1xHDD max 10,000rpm	LVD	182
LTB - 05031	LetterBox, 50W, open face, for Sony/HP DAT drives	Cent	164
LTB - 05051	LetterBox, 50W, open face, for Sony/HP DAT drives	LVD	182
GTB - 070300	GiftBox, 50W PSU, for 2xHDD's max 7,200rpm	Cent	209
GTB - 070500	GiftBox, 50W PSU, wide-SCSI, for 2xHDD's max 7,200rpm	LVD	236
HAT - 0703000	HatBox, 70W PSU, for 3xHDD's max 7,200rpm	Cent	218
HAT - 0705000	HatBox, 70W PSU, wide-SCSI, for 3xHDD's max 7,200rpm	LVD	245

5.25" Drive Enclosures

Part Number	Description	Bus Type	LP \$
PAT - 040311	PaintBox, 40W, holds 1xHDD 5.25" drive	Cent	153
PAT - 040511	PaintBox, 40W, wide-SCSI	LVD	175
SHB - 070311	ShoeBox, 70W, holds 1xFH 5.25"	Cent	262
SHB - 070511	ShoeBox, 70W, holds 1xFH 5.25" wide-SCSI	LVD	284
SHB - 070322	ShoeBox, 70W, holds 2xFH 5.25" drives	Cent	276
SHB - 070522	ShoeBox, 70W, holds 2xFH 5.25" wide-SCSI	LVD	295
BTB - 140322	BatBox, 100W, holds 2xFH 5.25" drives	Cent	396
BTB - 140522	BatBox, 100W, holds 2xFH 5.25" wide-SCSI	LVD	404
BTB - 140344	BatBox, 100W, holds 4xHH 5.25" drives	Cent	400
BTB - 140544	BatBox, 100W, holds 4xHH 5.25" wide-SCSI	LVD	407
TLB - 150355	ToolBox, 150W, holds 2xFH 5.25" drives	Cent	280
TLB - 150555	ToolBox, 150W, holds 5xHH 5.25" drives wide-SCSI	LVD	309



Desktop Disk and Tape Product Range (2)

5.25" Drive Enclosures (cont...)

Part Number	Description	Bus Type	LP \$
TKB - 300388	TackleBox, 300W, holds 8xHH 5.25" drives	Cent	580
TKB - 300588	TackleBox, 300W, holds 8xHH 5.25" drives, wide-SCSI	LVD	625

DLT Enclosures

Part Number	Description	Bus Type	LP \$
DLT - 070311	Tabletop enclosure to accomodate 1xDLT 4000/7000	Cent	360
DLT - 070511	Tabletop enclosure to accomodate 1xDLT 8000	LVD	380
DLTR - 200344	Rackmount enclosure to accomodate 4xDLT 4000/7000	Cent	1,150
DLTR - 200544	As above for 4xDLT 8000	LVD	1,230



Spares, Options & Upgrades (1)

FRU - Field Replacement Units for Ultra Raid & Series 1000

Part Number	Description	LP \$
L1098	Canister for SCA Drive - Condo Beige	27
L1098/BLK	Canister for SCA Drive - Black	27
L1077	Power Supply Module - Hot Pluggable	291
L1433	Alarm module for ULRK and ULTW subsystems - monitors power and cooling	136

FRU - Field Replaceable Units for Series 2000

Part Number	Description	LP \$
300110 - 29	Fan Assembly - Hot Swappable - for UT2 and UT4 products	33
5017239 - 0101	Canister for SCA Drive - Light Grey	49
5017239 - 0105	Canister for SCA Drive - Black	49
5417240 - 0100	Power Supply, 350W PFC Hot Pluggable	773
5017381 - 0100	Blower Assembly - Hot Swappable	82

Upgrades CMD 564x Controllers

Part Number	Description	LP \$
CRD - 5642 - 032	Controller Module, UDiff with 32MB Cache Fitted	4,164
CRD - 5644 - 032	Controller Module, LVD with 32MB Cache Fitted	4,164



Spares, Options & Upgrades (2)

Options - Desktop Products

Part Number	Description	LP \$
TK0060	Kit to Convert from Dual to Single Channel - ULTW/ULRK products	36
470060	Kit to fit 3.50" HDD into 5.25" Drive Mtg	29

Options - Graphical User Interfaces - CMD Controller

Part Number	Description	LP \$
SVS - 005001 - LLL	GUI, Lite Local License (upto 2 channels/14 drives)	567
SVS - 005001 - LRL	GUI, Lite Remote License (upto 2 channels/14 drives + SNMP remote monitoring)	1,149
SVS - 005001 - PLL	GUI, Pro Local License (more than 14 drives)	771
SVS - 005001 - PRL	GUI, Pro Remote License (more than 14 drives + SNMP remote monitoring)	2,313
SVS - 005002 - LLL	GUI, Lite Local License (Dual controllers for Failover)	567
SVS - 005001 - LRL	GUI, Lite Remote License (Dual controllers for Failover)	1, 149
SVS - 005002 - PLL	GUI, Pro Local License (Dual controllers for Failover)	771
SVS - 005002 - PRL	GUI, Pro Remote License (Dual controllers for Failover)	2,313
	Lite = less than 14 drives Pro = more than 14 drives Local = graphics & e-mail Remote = draphics, e-mail & SNMP remote access	

Spares - Ultra-SCSI/LVD Terminators

Part Number	Description	LP \$
L0441	HD68 S/Ended terminator, Active	73
L0442	HD68 Different terminator, Active	55
L1313	HD68 LVD/multimode terminator, (S/Ended or LVD)	49



Spares, Options & Upgrades (3)

Spares - Ultra - SCSI/LVD Cables

Part Number	Description	LP \$
DC09 - 0M3	HD68 to HD68, Ultra or LVD, 0.3m	169
DC09 - 1M0	HD68 to HD68, Ultra or LVD, 1.0m	185
VHDC09 - 0M8	VHDCI to HD68, Ultra or LVD, 0.8m	164

Spares - Fibre Channel Cables

Part Number	Description	LP \$
FC09 - 1M0	DB9 to DB9, external Fibre Channel, 1.0m	135
FC09 - 3M0	DB9 to DB9, external Fibre Channel, 3.0m	145
FC10 - 1M0	DB9 to HSSDCI, external Fibre Channel, 1.0m	156
FC10 - 3M0	DB9 to HSSDCI, external Fibre Channel, 3.0m	160
FC11 - 1M0	H55DCI - HSSDCI, external Fibre Channel, 1.0m	160
FC11 - 3M0	H55DCI - HSSDCI, external Fibre Channel, 3.0m	175

Key to Abbreviation

Term	Description
Cent	Centronics 50 pin narrow SCSI
FC	Fibre Channel
JBOD	Just a Bunch of Drives
LP \$	List Price in US Dollars
LVD	Low Voltage Differential HD68
MM	Multi Mode
NS	Narrow SCSI
RAID	Redundant Array of Independent Drives
SCSI	Small Computer Systems Interface
UDiff	Ultra SCSI Differential
USE	Ultra SCSI Single Ended