ServerMAX

ServerMAX

ServerMAX Professional

- 19"
- High quality products
- Fits your decoration and environment
- Secure and sturdy
- Easy to maintenance and high inner volume
- High security for unauthorized peoples
- High protection for all physical effects
- Competitive prices
- Excellent passive air ventilation

In 54 countries, thousands of companies are using LMSDATA Server Cabinets. ServerMAX protects you technological investments.

1000 mm. depth
kg. Load Carriying Capacity

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

1.Multi-vendor: It is compatible with all EIA-310 compliant 19" equipment. All type of servers / brands will physically fit in an LMSDATA ServerMAX server cabinet.

2.Adjustable mounting depth: 19" mounting angles are adjustable in depth for various mounting depths.

3.Bottom plate: have an extra perforated plate to avoid any insects, mouse etc.... When it is necessary a filter can be integrated there against to dust coming from bottom.

4.Reversible doors: Front and rear doors detached and reversed if it is desired for the front door to open from the opposite side of cabinet.

5.Side doors are splited in two: Front part is used for access to cabinet as mentioned above. Other small section is fixed from inside of the cabinet. If any case more ventilation is needed this panel can be vented. Mainly, inner part of this panel is used for housing of cables and power strips.

6.Numbered U positions: provide an easy installation of rack mounted equipment.

7.Vertical mounting rails: with square holes and adjustable in depth.

8.Compliances: UL and cUL with SETT brandname it belongs to LMSDATA

9.There is two colour option for ServerMAX. Black Ral9005 and Light Grey(or white) Ral7035. You can choose if any colour required.
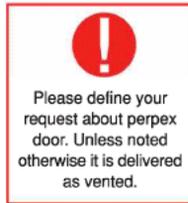
ISO 9001   TSEK

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

ADAPTABILITY / FUNCTIONALITY

10.Available perpex-plexi front door: Possible to use plexi-perpex front doors instead of vented front door.

Rounded perpex front door

!
Please define your request about perpex door. Unless noted otherwise it is delivered as vented.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

ADAPTABILITY / FUNCTIONALITY

11. Ample variety:

4 different heigh: 26U, 36U, 42U, 47U
2 different width: 600mm. and 800mm.

| 26U 600x1000	36U 600x1000	42U 600x1000	47U 600x1000	42U, 47U 800x1000

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

Create your own cabinet

12. Create your own design: LMSDATA MAX cabinets offer our customers the exciting option of customizing the appearence of the racks to match their corporate logo and colour scheme. This high-end product can be made to meet the most exacting specifications. Doors are laser etched and cut in the shape chosen, then powder coated in one of a rainbow of colours. When appearance plays a role hand-in-hand with functionality.
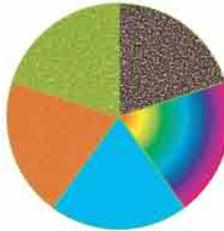
57 REASONS to buy LMSDATA-ServerMAX Server Cabinets
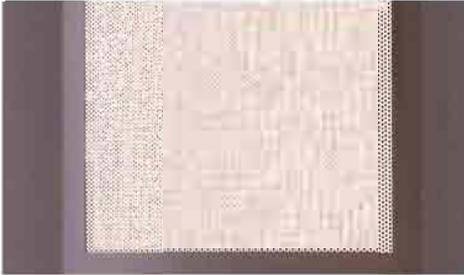
AIR REMOVAL

13. Efficient passive ventilation: New

generation servers and networking products need adequate ventilation for proper operations. ServerMAX server cabinets provide efficient passive ventilation because of its vented structure for front and rear doors. Front and rear doors have maximum perforation pattern for high-density cooling that meets or exceeds server manufacturer's ventilation requirements.

Front View   Side View

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

AIR REMOVAL

14. Bottom plate is ready with prepunched knock outs for air distribution delivered from raised floor. When airflow comes through bottom/raised floor, the plates on the bottom are removed and provides efficient airflow inside of cabinet

15. There is a fan tray on roof. It is removable easly from the top. When the maintance of fans are required, it can be reached from top directly without touching to any mounted device or servers.

16. t is possible to put **filter** on top of the server fan unit.

17. When the passive or fan ventilation is un-efficient, rear door can be replaced with a new rear door but complete with 6ea. fans vertically. It is possible to use **rear door as fan tray**.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

21.Ships fully assembled: ServerMAX enclosures ship fully assembled reducing the time required to install equipment.

22.Simple selection : No need to spend hours choosing parts of cabinet to create a single enclosure. LMSDATA has made it easy by handling the details and providing complete cabinet with single part numbers.

CONVENIENCE

18.Optimized width: ServerMAX d=600mm. Server cabinets are designed to align exactly on standard 600mm. wide floor tiles when bayed together.

19. Generous cable access holes are provided in the roof and base. One on top, one on bottom holes are special LMSDATA style cable entries; sliding type with rubber edges.

20.Optimized depth: 1000mm. Today and next generation installation of servers, distribute power and manage cabling are required deeper enclosures. All IT managers is determining how deep to go without sacrificing floor space. Therefore 1000mm. is an optimum depth for comfort cabling, housing servers and loosing space in data centers.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

CONVENIENCE

23. All in one ServerMAX includes;
Casters, Doors, Ground Studs, Levelling feet, Mounting hardware, Roof, Bottom, Side panels, C-rails, Tilt bars, Unloaded fan tray

24. Side doors are splited in two. Front part is used for access to cabinet as mentioned above. Other small section is fixed from inside of the cabinet. If any case more ventilation is needed this panel can be vented. Mainly, inner part of this panel is used for housing of cables and power strips.

25. Fixing to floor: ServerMAX can easily fixed to the floor when it is necessary. Floor fixing kit is used for this purpose. Please see the accessories for floor fixing kit.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

SERVICEABILITY and AGILITY

26. Quick Release doors: During installation and maintenance of installed equipment, it is often advantageous to remove enclosure doors.

27. Quick Release side doors: During installation and while conducting routine maintenance of installed equipment, it is often advantageous to remove the side panels. Quick release slam latches and lockable locks on the side panels allow for quick and easy access.

28. Double rear doors: Double rear doors improve access and serviceability to rear of rack mounted equipment. The split rear doors help to maximize floor space. Only 300mm. of clearance is required behind the enclosure to allow for door swing.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

SERVICEABILITY and AGILITY

29.Expansion: ServerMAX enclosures can be easily expanded upon to create complete rows of enclosures. With a proper baying kit, please see accessories, all cabinets are bayed easily and quickly.

30.Levelling feet: ServerMAX cabinets are shipped with already assembled levelling feets.

31.Castor group: ServerMAX cabinets are shipped comlete with castor group. When it is placed in area, by levelling feet are adjusted all the way down and castors are on air. For mobilization castors are used. All castors are heavy duty type.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

STRUCTURE, STABILITY and PROTECTION

32. Welded: Bottom of the cabinet is completely welded and closed structure. It is more sturdy and rugged. It protect any physical effects like water, dust, insects etc...

33. Welded: Roof of the cabinet is completely welded and closed structure. It is more sturdy and rugged.

34.Lockable doors and side panels. Front and rear doors are lockable with 3 point locking mechanism. It is handle type. Level of security to prevent unauthorized entry, is increased. All doors and side panels are only accessible with a key provided with ServerMAX.

35.Stability: An heavy duty frame design, 2mm. Mounting rails, angles, heavy duty type castor group provide 800 load rating.

36.Anti-tilt bars: As standard, ServerMAX is integral with 2 sliding type tilt bars to make cabinet stable in weight center. Whenever the servers are moved out, tilt bars are drawen out to balance the cabinet weight center.

37.Grounding: All parts have ground studs to provide electrical continuity.

38.Heavy duty vertical frames: Instead of 4ea. vertical profiles, ServerMAX cabinets are 6ea.(3ea.in left+3ea.in right) main vertical profiles that gives extra stability for heavy loads.

39.More C rails: Instead of 6ea. There are 8 horizantal C rails in depth for extra stability.

40.Reinforced bottom: Bottom have reinforced with horizantal profile in width and depth for extra stability.

41.Rounded aesthetic monoblok front door: Front door is heavy duty type monoblock perforated and welded structure. It's shape is rounded in front that looks really matter and looks aesthetic.

42. Load Carrying Capacity: 800 kg

43.Surface Treatment : Fosfat coating, oil remove and passivation.

44.Material Thicknesses: Roof, Bottom, Vertical main frames, C-rails, 19" mounting angles, profies and all frames are 2mm. thickness. Sturdy and rugged steel construction.

45.Paint: Electrostatic powder coating with an automatic process.

46.Easy to dismantle and assemby: The rigidly welded frame construction can be dismantled and assembles easily without any special tools. Thus, narrow doors, staircases and lifts are no problem.

47.High quality Locks from Emka Germany

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

## CABLE ACCESS - CABLE MANAGEMENT – POWER DISTRIBUTION

48. Bottom plate has special cable entry. It is completely closed and sliding type with rubber edges. Cables are entered and fixed. It protects the cable and no any space on the bottom.

49. Top case has also same type special cable entry. It is completely closed and sliding type with rubber edges. Cables are entered and fixed. It protects the cable and no any space on the bottom.

50. Housing for cabling: The cabinet itself has enough housing for vertical cable management at back. For 600x1000 cabinet, cable rings are used for cable management. For 800x1000 cabinets there is special vertical cable management panels-left&right with cover plate for hiding and protecting the cables. They all allow customers to easily route, manage, and access large numbers of data cables even while an enclosure is loaded with rack mount equipment and bayed in a row.

51. Rear Power distribution housing at back of the cabinet provide easy access to multiple receptacles. Vertical power distribution strips can easily be mounted in that space. This housing never interfer with

equipment or take any valuable U space. This provides increased accessibility to receptacles and allows customers to support more power cords within the enclosure. Power strips are in the length of cabinets, 26U, 36U, 42U, 47U.
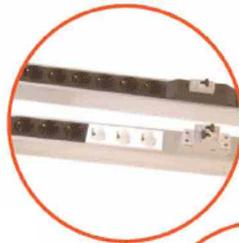
57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

ServerMAX – JUMBO w=800mm.

MORE VOLUME
width=800mm.

52.More volume: It provides more efficient cooling and more professional cabling.

53.Width=800mm. ServerMAX cabinet has all features mentioned above. Besides that it has extra features as below.

54.Front panel at left and right: Front panels are used to hid unwanted cable view. If server cabinet is used networking also in front, cable management is needed. Estap cable rings are used to fix on this panel for cable management. It have cable access holes for patch cord to pass to back of cabinet.

55.Vertical cable management panels can be used at rear of the cabinet

for professional cabling and hiding the power cables also.

56.Extra Housing for cabling and power distribution: There is extra housing for vertical cable management panels in left and right together with vertical power strips.

ServerMAX – JUMBO

MORE VOLUME width=800mm.

ServerMAX – JUMBO

MORE VOLUME width=800mm.
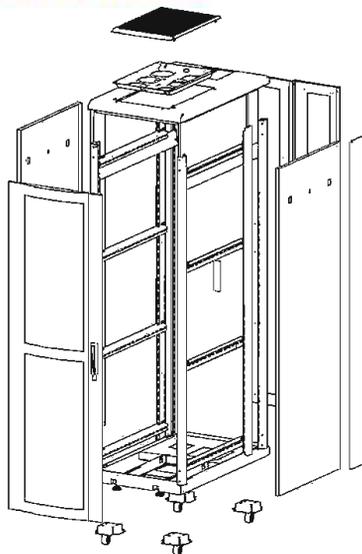
ServerMAX – JUMBO w=800mm.

MORE VOLUME width=800mm.

Side View

Front View

Technical Drawing

Explode View

Front View — 600/800, 340/380, 60, h, H

Side View — 1000, 125, 690, 50

Top View — 1000, 577.5, 388.5, 600/800, 200, 200
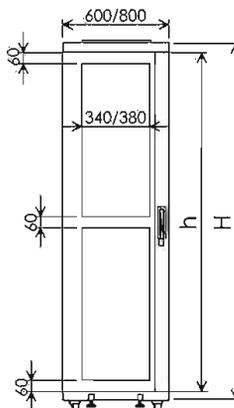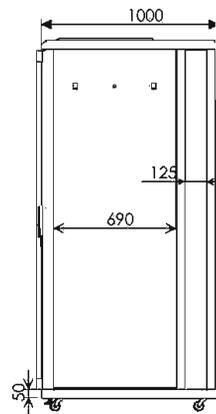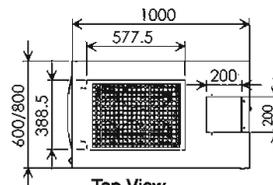
> ⚠ * Please define your colour with your order. Unless noted otherwise it is delivered as black Ral9005.
> * For 2, 3, 4 compartment server cabinet, please contact with sales department.

width= 600 mm.   depth = 1000 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
SRV26U	26	1187,8	1337,8
SRV36U	36	1632,3	1782,3
SRV42U	42	1899	2049
SRV47U	47	2122,15	2272,15

width= 800 mm.   depth = 1000 mm.

Order No.	U (44,45 mm)	h inside height (mm)	H outside height (mm)
SRV42U8	42	1899	2049
SRV47U8	47	2122,15	2272,15

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

COMPLEMENTARY PRODUCTS and ACCESSORIES

57.Ample variety of accessories: Heavy duty fixed shelves, sliding shelves, fans, cooling units, vertical cable managements, cable rings, organisers, trays, plinth, etc...

Vertical Cable Management Unit
(Suitable for 800x1000 Server Cabinets)

	800 x 1000
42U	M44 ORG 42 SRV
47U	M44 ORG 47 SRV

Fan Unit
Rear door

	600 x 1000	800 x 1000
26U	M44 26 4 F	-
36U	M44 36 4F	-
42U	M44 42 6F	M44 42 6F 8
47U	M44 47 6F	M44 47 6F 8

57. Complementary Products and Accessories

Dimensions (mm)	Code Number
30 x 44	K44 RING 01
44 x 60	K44 RING 02
44 x 100	K44 RING 03
44 x 150	K44 RING 04

Cable Management Rings

Floor Fixing Kit

600 x 1000	800 x 1000
M44 DPR 03	M44 DPR 04

57. Complementary Products and Accessories

Rack Consoles, Keyboards, Monitors

RC USB: 1U 19" Rack Console

15" TFT monitor, Keyboard + TouchPad + TrackPoint

Note: Keyboard is USB. It is possible to use with USB KVM switches.

57. Complementary Products and Accessories

ERGONOMIC SOLUTION

Monitor and keyboard are designed separately. They are in different housing and each of them 1U 19" rack mount. Keyboard can be mounted at hands level and monitor can be mounted at eyes levl. It is ergonomic and economic solution.

RC SCR:
1U 19" TFT monitor (15")

RC KYB: 1U 19" Keyboard +
Touchpad + Trackpoint

Note: Keyboard is USB. It is possible to use with USB KVM switches.

57. Complementary Products and Accessories

ECONOMIC KVM SOLUTIONS

1U 19" KVM + 1U 19" RACK CONSOLE
It is possible to create an economic solution by using 1U 19" rack console and KVM separately.
Both devices are 1U, 19" and rack mount. The bundle provides all devices together with KVM cables.

COMPLETE SET: 1U 19" console (1 ea.)
RC KVM 8   1U 19" 8 port KVM switch (1 ea.)
1.8m USB KVM cable (8 ea.)

8 port KVM switch-
USB

8 ea. 1.8M USB
KVM cable

COMPLETE SET: 1U 19" console (1 ea.)
RC KVM 16   1U 19" 16 port KVM switch (1 ea.)
1.8m USB KVM cable (16 ea.)

16 port KVM switch-
USB

16 Adet 1.8M USB
KVM cable

57. Complementary Products and Accessories

POWER DISTRIBUTION PANELS - BLOCKS

They are designed to create an excellent solution for server cabinets. Its structure provide a space saving at rear of the cabinet. It is in length of the cabinet and power outlets are separated from each other for comfortable plug entries. Its electrical connection is double circuit. It is useful for redundancy energy supply to servers. Each circuit can be supplied with different sources. Every circuit has its own circuit braker for protection. Its body is aluminium profile and looks technically satisfied and aesthetic look.

All wiring inside has done with high quality products.

57. Complementary Products and Accessories

POWER DISTRIBUTION PANELS - BLOCKS

ORDER NO	PRODUCT DEFINITION
M44 6AL	6 way power strip, 19", aluminium profil body, 1x16A circuit breaker protection, schuko type, 250vac, 2.5m cable, c/w plug
M44 6ALD	6 way power strip – dual circuit (3+3) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac without cable, ready on connector for any cable connection
M44 9AL	9 way power strip, 19", aluminium profil body, 1x16A circuit breaker protection, schuko type, 250vac, 2.5m cable, c/w plug
M44 9ALD	9 way power strip – dual circuit (4+5) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac without cable, ready on connector for any cable connection
M44 6AL IEC	6 way power strip, 19", aluminium profil body, 1x16A circuit breaker protection, IEC320 type, 250vac, 2.5m cable, c/w plug
M44 6ALD IEC	6 way power strip – dual circuit (3+3) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac without cable, ready on connector for any cable connection
M44 6STD	6 way power strip, 19", aluminium profil body, on/off switch, schuko type, 250vac, 2.5m cable, c/w plug
M44 9AL IEC	9 way power strip, 19", aluminium profil body, 1x16A circuit breaker protection, IEC320 type, 250vac, 2.5m cable, c/w plug
M44 9ALD IEC	9 way power strip – dual circuit (4+5) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac without cable, ready on connector for any cable connection
M44 1847ALD	18 way power strip – dual circuit (9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac 47U height and vertical through the cabinet lenght, without cable, ready on connector for any cable connection
M44 1842ALD	18 way power strip – dual circuit (9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac 42U height and vertical through the cabinet lenght, without cable, ready on connector for any cable connection
M44 1836ALD	18 way power strip – dual circuit (9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac 36U height and vertical through the cabinet lenght, without cable, ready on connector for any cable connection
M44 1226ALD	12 way power strip – dual circuit (6+6) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, schuko type, 250vac 26U height and vertical through the cabinet lenght, without cable, ready on connector for any cable connection
M44 1847ALD IEC	18 way power strip – dual circuit(9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac, 47U height and vertical through the cabinet lenght, ready on connector for any cable connection.
M44 1842ALD IEC	18 way power strip – dual circuit(9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac, 42U height and vertical through the cabinet lenght, ready on connector for any cable connection.
M44 1836ALD IEC	18 way power strip – dual circuit(9+9) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac, 36U height and vertical through the cabinet lenght, ready on connector for any cable connection.
M44 1226ALD IEC	12 way power strip – dual circuit(6+6) - 19", aluminium profile body, 2ea. 1x16A circuit breaker protection, IEC320 type, 250vac, 26U height and vertical through the cabinet lenght, ready on connector for any cable connection.

Dual circuit: Power distribution outlets are in group. Half of the outlets are in same circuit. Half of them in same circuit. Every circuit have different wiring and its own circuit breaker protection. Therefore, 2 different circuit is supplied by different sources for redundancy or spare usage. IEC320: Computer type socket.

57 REASONS to buy LMSDATA-ServerMAX Server Cabinets

57. Complementary Products and Accessories

Vertical Cable Management Panels with cover - for 800x1000 ServerMAX

It is designed to manage large patch cable bundles, data and energy cables at rear of the cabinet.
It is installed through the cabinet height and each U dimension. There are holes to pass horizantal patch cables on vertical axis.
Reduce %50 labour costs
Colour: Ral7035 white or Ral9005 black
Suitable to use with ServerMAX 800x1000

Order No	Product Definition	Dimensions	UNIVERSALline	ServerMAX	ECOline	ECOline Server	EUROline	Diamond	RELAYrack	SYSTEMrack	PROLINE	SOHOline19"	SOHOline10"	SOHO Slimline
												Compatibility		
M44ORG42SRV	42U Vertical cable management panel left/right=1set	94*94*1893		x										
M44ORG47SRV	47U Vertical cable management panel left/right=1set	94*94*2116		x										

Vertical Cable Management Channels with sliding cover - for 800x1000 ServerMAX

It is designed to carry large cable bundles through the vertical axis of the cabinet. From top to bottom, it is continuous with the height of cabinet. Bottom edge of the trunking fit into the cabinet bottom cable entry, top edge of the trunking fit into the cabinet top cable entry. It has holes for cable access for horizantal axis.
Since it has a sliding cover on the trunking, cable bundles are hidden and protected. When it is closed, it looks really matter and provide a propessional look.
Reduce %50 labour costs
Colour: Ral7035 white or Ral9005 black
Suitable to use with width=800mm. ServerMAX server cabinets. Shipping configuration is single that can be used either in left or right.

Order No	Product Definition	Dimensions	UNIVERSALline	ServerMAX	ECOline	ECOline Server	EUROline	Diamond	RELAYrack	SYSTEMrack	PROLINE	SOHOline19"	SOHOline10"	SOHO Slimline
M44TRK42SRV	42U vertical cable management channel with sliding cover	70*310*1890		x										
M44TRK47SRV	47U vertical cable management channel with sliding cover	70*310*2112		x										

19" 4U PC Case

* 4 U server case

* Standard: 19" EIA (Electronic Industries Association)

* Drive bays: 5.25" x 3, 3.5" x 2

* Stabile, modified metal structure

* Case colour: computer grey

* Supports the installation of ATX and baby
  AT and backplane motherboards

* Lateral stabiliser with 2 flanged-on 8 cm
fans built in

* 12 cm. fan with filter insert built into front
panel

* Lockable drive bay door

* Standard ATX 300W power supply or hot-swap redundant, 2 x
  300W power supply optional

* Dimensions: 178 mm (H) x 422 mm (W) x 531 mm (D), CE

140283 / AIPC - 4032 - 300W	19" PC Case, 4 U	
140498 / AIPC - 4032B - 300W	19" PC Case, 4 U, Black	
140290 / AIPC - 4032 - 2X300W	19" PC Case, 4 U, 2 x 300W	
14481 / AIPC - 4032B - 2X300W	19" PC Case, 4 U, 2 x 300W, Black	