



MCMXD-194A-XXX-A-FRD

Datasheet

194A | Industrial 4U Rack Mount

DYNICS 194A industrial rack mount is a high-performance system in a 4U form factor. The 240GB boot SSD and 2x 2TB Enterprise Grade hard drives configured in RAID1 provide the ideal combination of speed and data reliability. Built to fit a standard 19" rack, the 194A offers an immense amount of power and expandability for the utilized space. This flexibility system is ideal for multiple server applications.



Key Features

- Part Number: - MCMXD-194A-XXX-A-FRD
- 100~240VAC
- Slim CD/DVD-RW Drive
- SolidCore License Included
- Redundant Power Supply

PC Specifications

Motherboard	ATX C236
I/O	1x 1Gb Ethernet Port (Supporting Intel® AMT) 1x 1Gb Ethernet Port 1x RS232 Port 4x USB 3.0 Ports 4x USB 2.0 Ports 2x PS/2 Ports (Keyboard & Mouse) 1x DVI-D Port 2x DisplayPorts V1.2 3x Audio Jacks (Mic-In/Line-In/Line-Out)
CPU	Intel® Xeon® E3-1275 V5
CPU Speed	3.60GHz Base, 4.00GHz Turbo (4 Cores, 8 Threads)
Expansion Slots	1x PCIe x16 / 2x PCIe x1 / 2x PCIe x4 / 2x Legacy PCI (5V) with – 12V Rail
Memory	16GB DDR4 ECC
Power Supply	100~240VAC Power Entry (Redundant Power Supply)
Storage	1x 240GB SSD (Boot) 2x 2TB HDD Enterprise Grade 3.5" Hard Drives (RAID1 Configuration for Storage) 1x CD Drive
Operating System	<u>Ford Approved Operating System:</u> Windows® OS includes SolidCore license and one year of SolidCore support. Insert Code in place of "XXX" in part number when ordering. Other operating systems require Ford deviation. <ul style="list-style-type: none"> - Base Load: WES7 (64-bit) "Code: E76" - Base Load: WIN 10 Enterprise IoT LTSB 2016 (64-bit) "Code: E10" - Deviation Required: WIN 7 Pro (64-bit) "Code: W76" - Deviation Required: WIN 10 Pro (64-bit) "Code: W10"
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)
Relative Humidity	Non-Condensing: 20% - 80%
Shock	Operating: 10G Non-Operating: 15G
Vibration	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
Included	2x 6 ft. Power Cables
Compliance	European Union Directive 2011/65/EU (RoHS)
Warranty	36-Month limited warranty.





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Dimensions, Weight and Power Consumption

	Height	Width	Depth	Weight	Power Consumption***
194A	6.969" (177.0mm)	18.881" (480.0mm)	18.354" (466.0mm)	35 lbs.*	Maximum 450 Watts**
					Typical 115 Watts**

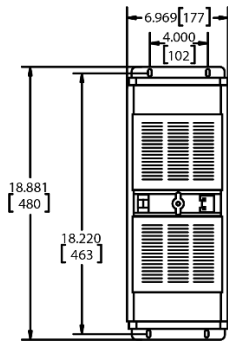
*Weights are approximate, contact DYNICS for details.

**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

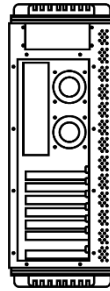
***Excluding additional cards.

Mechanical Drawings

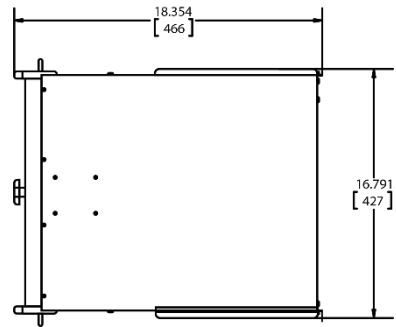
Front View



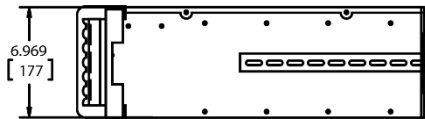
Back View



Top View



Side View



Dual Power Entry 100~240VAC



Sales Information

For plant locations in North Africa and Russia. Contact us for pricing and availability.

McNaughton-McKay Sales Vendor Code: **M215D**

Todd Mong (Sales / IT / Stamping / Body)

mongt@mc-mc.com

Chip Yosick (Sales Powertrain / Powertrain Systems & Quotes)

yosick@mc-mc.com

Paul Brown (Engineer for PC Specifications & Quotes)

brownp@mc-mc.com



For plant locations in the European Union.

Contact us for pricing and availability.

McNaughton-McKay Sales Vendor Code: **GU97A**

Service & Distribution GmbH

Zweigniederlassung der McNaughton-McKay Electric Company

Matthias Kistler (Managing Director)

kistler@sud-gmbh.de

Patrick Poberitz (Business Development Manager)

poberitz@sud-gmbh.de



For plant locations in Mexico.

Contact us for pricing and availability.

ABSA Vendor Code: **GYFZA**

Ing. Johana Baloa Murzi (Especialista / Cotizaciones)

johana.baloe@grupoabsa.com



For plant locations in Brazil.

Contact us for pricing and availability.

Ladder Vendor Code: **T165**

Tiago Oliveira (Business Development Quotations)

tiagooliveira@ladder.com.br



For plant locations in China.

Contact us for pricing and availability.

WillTech Vendor Code: **HBIUA**

Hou Xiaoqi (Sales / Quotations)

houxq@will-tech.com.cn



For plant locations in India.

Contact us for pricing and availability.

Rudaya Vendor Code: **HCWBA**

Sandeep Bhujbal (Sales / Quotations)

sandeep@rudayapowers.com



All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

