IBM 2074 Rack Options

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1.0 Introduction

The IBM 2074 (models 002 and 001) Console Support Controller is designed to fit in a standard 19 inch rack. The 2074 is a 3U high device with the following dimensions:

1.1 Model 002

- Width: 17.30 inches (standard 19 inch rack)
- Height:5.00 inches (3U)
- Depth:27.30 inches

1.2 Model 001

- Width:16.30 inches (standard 19 inch rack)
- Height: 5.00 inches (3U)
- Depth 26.00 inches

Note:The following additional space is required for the machine to function properly

- Fifty millimeters must be allowed on both the left side and right side for air flow.
- One hundred millimeters clearance should be provided in the rear for cables.

2.0 IBM Rack

Although the 2074 documentation only specifies the need for a standard 19 inch rack that will accommodate the above mentioned dimensions, many customers would like to purchase the 2074 and the rack from IBM as a single purchase. The 2074 is an xSeries based machine and the following information is relative to an xSeries rack configuration.

Note: The NetBAY22(tm) ,PN 9306220, referenced in some documentation for the 2074 was withdrawn from marketing effective April 30, 2002.

2.1 NetBAY25(tm) Standard rack

- PN 9306250

- This is a 25U high rack.

2.2 NetBAY42(tm) Enterprise rack

- PN 930842S

- This is a 42U high enterprise rack and is of stronger construction than the standard 42U rack.

2.3 NetBAY42(tm) Standard rack

- PN 9306420

- This is the standard 42U rack.

3.0 Rack Features:

3.1 Power Distribution (2074 Dual Power Supply)

3.1.1 115 Volt PDU

- PN 94G66662 required if using 115 volt feeder circuits (2 required)

3.1.2 240 Volt PDU

- PN 94G74502 required if using 240 volt feeder circuits (2 required)

3.2 Blank Filler Plates

Kit PN 94G6670. Kit consists of

- Qty 2 1U plates

- Qty 1 3U plate, and

- Qty 1 5U plate.

4.0 Console Switch:

The console switch allows the use of a single display and keyboard to control multiple 2074 units.

- IBM Console Switch (1 x 4 port) PN 09N4290

- IBM Console Switch (2 x 8 port)PN 09N4291
- IBM Console Cable Set-12 foot PN 94G7447 (Order one set per 2074)
- IBM Console Cable Set-7 foot PN 09N4293 (Order one set per 2074)

5.0 Additional Rack Information:

Additional rack information and a rack configurator can be found at the following web-site:

- http://www.pc.ibm.com/ww/eserver/xseries/rack.html