



## Fiber Driver® Chassis



### Overview

The Fiber Driver® chassis is the foundation for deploying and managing the Fiber Driver media module product family. Chassis are available with one, two, three, four, and sixteen slots.

The three-slot (NC316BU-3), four-slot (NC316BU-4 and NC316BU-4S), sixteen-slot (NC316BU-16) and sixteen-slot Telco (NC316BU-16T) chassis can be equipped with redundant, hot-swappable AC or DC internal power supplies. The two-slot NC316BU-2 and one-slot NC316BU-1 come with a single AC or DC internal power supply.

The NC316BU-1/NP and NC316BU4PMC/NP chassis are designed to host fully passive modules such as the Fiber Driver Splitter/Combiner. Because fully passive solutions require no external power source, these chassis include no power supply.

### Features

- Models with 1, 2, 3, 4, or 16 slots
- Rack mounting options <sup>1</sup>
- Wall mounting options <sup>2</sup>
- Module flexibility; no slot dependency within a chassis
- Hot-swap support
- Management module compatibility <sup>3</sup>
  - fan status
  - power supply status
  - temperature status
  - high and low temperature limits
  - SNMP traps to report faults
- AC or DC redundant power supply pairs
- Optional front cable management tray for NC316BU-16 chassis

<sup>1</sup> three-slot, four-slot, and sixteen-slot models

<sup>2</sup> one-slot and two-slot models

<sup>3</sup> two-slot, three-slot, four-slot, and sixteen-slot chassis models



ONE-SLOT CHASSIS



THREE-SLOT CHASSIS



SIXTEEN-SLOT CHASSIS



TWO-SLOT CHASSIS



FOUR-SLOT CHASSIS



SIXTEEN-SLOT TELCO 23" CHASSIS



Chassis with two, three, four and sixteen slots can accommodate a network management module. EM316NM and EM316LNXM-OT provide monitoring of system temperature, fan status, and power supply.

The one-slot chassis is suitable for unmanaged use in standalone applications. The NC316BU-2 is designed for single-module managed and two-module unmanaged standalone applications.

The NC316BU-4, NC316BU-4S, and NC316BU-16 mount in 19" racks. The NC316BU-3 and NC316BU-16T, have reduced depth form-factors and front-loaded power supplies for Telco installations. These models mount in 23" racks, and the NC316BU-3 can also mount in 19" racks.

Contact your nearest MRV representative for information on Fiber Driver or other products.

### REDUNDANT POWER SUPPLIES

Ordering Information	Model	Description
	NC316-3RPSAC	Redundant Power Supply for NC316BU-3/AC
	NC316-3RPSDC	Redundant Power Supply for NC316BU-3/DC
	NC316-4RPSAC	Redundant Power Supply for NC316BU-4/AC
	NC316-4RPSDC	Redundant Power Supply for NC316BU-4/DC
	NC316BU-4SRPSAC	Redundant Power Supply for NC316BU-4S/AC
	NC316BU-4SRPSDC	Redundant Power Supply for NC316BU-4S/DC
	NC316-16RPSAC	Redundant Power Supply for NC316BU-16/AC
	NC316-16RPSDC	Redundant Power Supply for NC316BU-16/DC
NC316-16T/DC	Redundant Power Supply for NC316BU-16T/DC	

### ACCESSORIES

Ordering Information	Model	Description
	NC316RB23-3	Rack Mount Bracket for NC316BU-3/AC or -3/DC Telco Chassis; 23"
	NC316RB23-4	Rack Mount Bracket for NC316BU-4/AC or -4/DC Telco Chassis; 23"
	NC316-16BRACKET	Rack Mount Bracket for 16-slot Chassis
	NC316RB23-16	Rack Mount Bracket for NC316BU-16/AC Chassis, 23"
	NC316MB-1	Wall Mount Bracket for NC316BU-1
	NC316MB-2	Wall Mount Bracket for NC316BU-2
	NC316BP-1	Blank Panel, Single-Slot Wide, for NC316BU
	NC316BP-4	Blank Panel, Four-Slot Wide, for NC316BU-16
	NC316DCC	DC Power Female Connector (WAGO)
	NC316BU-16CMT	Cable Management Tray for the NC316BU-16 Chassis
NC316-16DOOR	Cable Management Tray and transparent door for the NC316BU-16 Chassis	



**CHASSIS**

Ordering Information	Model	Description	Physical Dimensions (height x width x depth)	Weight
	NC316BU-1/AC	One-slot, AC power	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-1/DC	One-slot, DC power	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-1/AC/EU	One-slot, VAC power (European version)	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-1HP/AC	One-slot, AC power	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-1HP/DC	One-slot, DC power	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-1/NP	One-slot, no power supply (passive application only)	38 mm x 159 mm x 199 mm (1.50" x 6.26" x 7.83")	1.0 kg (2.2 lbs)
	NC316BU-2/AC	Two-slot, AC power	65 mm x 159 mm x 197 mm (2.56" x 6.26" x 7.75")	1.4 kg (3.1 lbs)
	NC316BU-2/DC	Two-slot, DC power	65 mm x 159 mm x 197 mm (2.56" x 6.26" x 7.75")	1.4 kg (3.1 lbs)
	NC316BU-3/AC	Three-slot Telco, for 19" rack, AC power	44 mm x 439 mm x 203 mm (1.73" x 17.28" x 7.99")	3.1 kg (6.8 lbs)
	NC316BU-3/DC	Three-slot Telco, for 19" rack, DC power	44 mm x 439 mm x 203 mm (1.73" x 17.28" x 7.99")	3.0 kg (6.6 lbs)
	NC316BU-4/AC	Four-slot, for 19" rack, AC power	44 mm x 439 mm x 434 mm (1.73" x 17.28" x 17.09")	7.7 kg (17.0 lbs)
	NC316BU-4/DC	Four-slot, for 19" rack, DC power	44 mm x 439 mm x 434 mm (1.73" x 17.28" x 17.09")	7.7 kg (17.0 lbs)
	NC316BU-4S/AC	Four-slot, for 19" rack, AC power	44 mm x 439 mm x 305 mm (1.73" x 17.28" x 12.00")	4.5 kg (9.9 lbs)
	NC316BU-4S/DC	Four-slot, for 19" rack, DC power	44 mm x 439 mm x 305 mm (1.73" x 17.28" x 12.00")	4.5 kg (9.9 lbs)
	NC316BU4PMC/NP	Non-managed, non-powered four-slot chassis for passive Mux/Demux modules	44 mm x 441 mm x 286 mm (1.73" x 17.36" x 11.26")	4.3 kg (9.6 lbs)
	NC316BU-16/AC	Sixteen-slot, for 19" rack, AC power	110 mm x 439 mm x 408 mm (4.33" x 17.28" x 16.06")	8.8 kg (19.4 lbs)
	NC316BU-16/DC	Sixteen-slot, for 19" rack, DC power	110 mm x 439 mm x 408 mm (4.33" x 17.28" x 16.06")	8.7 kg (19.2 lbs)
	NC316BU-16T/DC	Sixteen-slot Telco, for 23" rack, DC power	132 mm x 541 mm x 254 mm (5.20" x 21.30" x 10.00")	8.2 kg (18.1 lbs)



**POWER SUPPLY SPECIFICATIONS**

Ordering Information	Model	Nominal Input Range (VAC)	Input Range (VDC)*	Maximum Rating (Amps)	Operating Temperature	Storage Temperature	Relative Humidity
	NC316BU-1/AC	100 - 240 @ 50/60 Hz	-	0.3	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-1/DC	-	40.5 - 57	0.5	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
	NC316BU-1/AC/EU	100 - 240 @ 50/60 Hz	-	0.3	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-1HP/AC	100 - 240 @ 50/60 Hz	-	0.3	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-1HP/DC	-	40.5 - 57	0.5	-40 to +65°C (-40 to +149°F)	-45 to +75°C (-49 to +167°F)	< 85% non condensing
	NC316BU-2/AC	100 - 240 @ 50/60 Hz	-	0.6	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-2/DC	-	40.5 - 57	1.0	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
	NC316BU-3RPSAC	100 - 240 @ 50/60 Hz	-	1.6	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-3RPSDC	-	40.5 - 57	2.0	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
	NC316BU-4RPSAC	100 - 240 @ 50/60 Hz	-	4.0	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-4RPSDC	-	40.5 - 57	2.0	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
	NC316BU-4SRPSAC	100 - 240 @ 50/60 Hz	-	1.8	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-4SRPSDC	-	40.5 - 57	2.0	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
	NC316BU-16RPSAC	100 - 240 @ 50/60 Hz	-	3.5	0 to +50°C (+32 to +122°F)	-20 to +70°C (0 to +154°F)	< 85% non condensing
	NC316BU-16RPSDC	-	40.5 - 57	5.0 or 6.5	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing
NC316BU-16T/DC	-	40.5 - 57	5.0	-35 to +60°C (-31 to +140°F)	-35 to +70°C (-31 to +158°F)	< 85% non condensing	

\* Compliant with ANSI TI.315-1994 standard

**Regulatory Compliance:** FCC Part 15 (Class A); IC (Class A); EMC Directive: Emission (Class A) and Immunity; LVD Directive: Electrical Safety; CE Marking; TUV CUE Mark (Canada, USA, EU); GOST (selected products); RoHS Directive, WEEE Directive: Wheelie Bin Mark; ETSI, NEBS (selected products), C-Tick (selected products). Contact your sales representative for details.

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