



### Benefits

- ▶ 1U 17" / 19" LCD console drawer
- ▶ 1280 x 1024 native resolution / 16.7M colors
- ▶ 104-key keyboard with either touchpad or trackball
- ▶ Short depth design of 500mm
- ▶ One Man installation design
- ▶ Enhanced aesthetics with molded front handle and two point lock
- ▶ 2-year standard warranty (upgradable up to 5 years)

### Options

- DVI-D / HDMI 1.2 video input
- S-Video + Composite ( BNC )
- Audio input & output
- DC power : 12V / 24V / 48V / 125V
- MAC or SUN Micro keyboard options available

## Product Specifications

Console Port	
Video input	VGA
KB / MS	Combo ( USB or PS2 )
VGA console 6ft cable : CB-6	Drawer end : DB-15 ( VGA + USB KB / MS ) Server end : VGA + USB type A

Video Option		
Digital	DVI	DVI-D single link
	HDMI	HDMI 1.2 / HDCP 1.1
Analog	S-Video ( 4-pin )	NTSC & PAL
	Composite ( BNC )	NTSC & PAL

LCD Panel	N117	N119
Panel size ( diagonal )	17"	19"
Native resolution	1280 x 1024	1280 x 1024
Brightness ( cd/m <sup>2</sup> )	250	250
Contrast ratio ( typ. )	1000 : 1	1000 : 1
Colors	16.7 M	16.7 M
Viewing angle ( L/R/U/D )	85/85/80/80	85/85/80/80
Response time ( ms )	5	5
Dot pitch ( mm )	0.264	0.294
Display area ( mm )	337.92H x 270.33V	376.32H x 270.33V
Surface treatment	Haze 25%, Hard-coating	
Surface hardness	3H	
Backlight type	LED	
MTBF ( hrs )	30,000	

Audio Option		
Input	Connector	3.5mm stereo jack
	Impedance / Power level	30kΩ / 750mV
Output	Connector	3.5mm stereo jack
	Resistance / Power level	30kΩ / 2.8V
Speaker	Dual stereo	2W x 2

Power		
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption (console / KVM)	Screen on	Max. 25W / Max. 55W
	Power saving mode	Max. 4W / Max. 34W
	Power button on	Max. 1W / Nil

Physical		N117	N119
Product ( W x D x H )	Single console	442 x 500 x 44 mm 17.4 x 19.7 x 1.73 inch	442 x 500 x 44 mm 17.4 x 19.7 x 1.73 inch
	Console w/ KVM	442 x 620 x 44 mm 17.4 x 24.4 x 1.73 inch	442 x 620 x 44 mm 17.4 x 24.4 x 1.73 inch
Packing ( W x D x H )	Single console /	590 x 808 x 140 mm	590 x 808 x 140 mm
	Console w/ KVM	23.2 x 31.8 x 5.5 inch	23.2 x 31.8 x 5.5 inch
Net weight	Single console	12.3 kg / 27.1 lb	12.5 kg / 27.5 lb
	Console w/ KVM	13.3 kg / 29.2 lb	13.5 kg / 29.7 lb
Gross weight	Single console	16.8 kg / 37 lb	17 kg / 37.4 lb
	Console w/ KVM	18.2 kg / 40 lb	18.4 kg / 40.5 lb

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	10~300Hz 0.5G RMS random vibration

Mounting Distance		N117	N119
Single console drawer		510 ~ 740 mm	510 ~ 740 mm
		20.1 ~ 29.1 inch	20.1 ~ 29.1 inch
Console w/ KVM drawer		510 ~ 840 mm	510 ~ 840 mm
		20.1 ~ 33.1 inch	20.1 ~ 33.1 inch

Compliance	
EMC	FCC & CE certified
Safety	c UL us & CE / LVD certified
Environment	RoHS2 & REACH compliant


# N117 / N119 models w/ KVM

**X** stands for 17" or 19" LCD size.

Matrix Cat6 KVM	IP	Remote	8-port	16-port	32-port
	1	1	-	N11X - MUIP1613	N11X - MUIP3213
	2	1	-	N11X - MUIP1624	N11X - MUIP3224
	0	1	-	N11X - MU1602	N11X - MU3202
	0	2	-	N11X - MU1603	N11X - MU3203
	0	3	-	N11X - MU1604	N11X - MU3204

Combo Cat6 KVM	IP	Remote	8-port	16-port	32-port
	1	0	N11X - UIP802	N11X - UIP1602	N11X - UIP3202
	0	1	N11X - U802	N11X - U1602	N11X - U3202
	0	0	N11X - U801	N11X - U1601	N11X - U3201

### Cat6 KVM Dongle



**DG - 100P**  
DP - USB dongle

**DG - 100H**  
HDMI - USB dongle

**DG - 100SD**  
DVI - USB dongle

**DG - 100S**  
VGA - USB dongle

**DG - 100**  
VGA - PS/2 dongle


Resolution : 16:9 - max. 1920 x 1080  
Support : 4:3 - max. 1600 x 1200

**\*\* Resolution related to LCD specification**

DVI-D KVM	IP	Remote	12-port
	0	0	N11X - 1201D

### DVI-D USB KVM Cable

Resolution : 16:10 - max. 1920 x 1200  
Support : 16:9 - max. 1920 x 1080  
4:3 - max. 1600 x 1200




**\*\* Resolution related to LCD specification**

CI - 6 ( 6 ft )  
CI - 15 ( 15 ft )

Matrix DB-15 KVM	IP	Remote	8-port	16-port
	1	1	N11X - MIP813	N11X - MIP1613
	2	1	N11X - MIP824	N11X - MIP1624
	0	1	N11X - M802	N11X - M1602
	0	2	N11X - M803	N11X - M1603
	0	3	N11X - M804	N11X - M1604

Combo DB-15 KVM	IP	Remote	8-port	16-port
	1	0	N11X - IP802	N11X - IP1602
	0	1	N11X - 802	N11X - 1602
	0	0	N11X - S801	N11X - S1601

### DB-15 VGA USB KVM Cable



**CB - 6 ( 6 ft )**      **CB - 10 ( 10 ft )**      **CB - 15 ( 15 ft )**

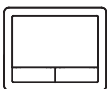
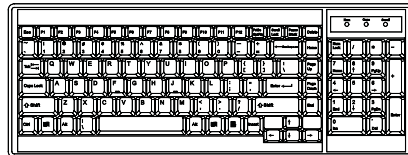
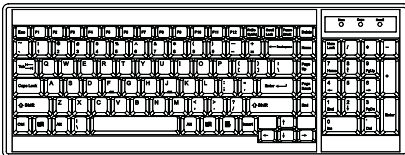
Resolution : 16:10 - max. 1920 x 1200  
Support : 16:9 - max. 1920 x 1080  
4:3 - max. 1600 x 1200

**\*\* Resolution related to LCD specification**


## Standard Keyboard

**Ge** G keyboard integrated with touchpad

**Gb** G keyboard integrated with trackball













### Supporting layouts

**America**  United States






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**EMEA**

 United Kingdom     Germany     France     Spain     Norway

 Italy     Russia     Switzerland     Netherlands     Portugal

**Asia**

 China     Japan     Korea     Arabia     Turkey

## Keyboard Options

\* US layout only

**Me** Mac keyboard with touchpad



**Se** S keyboard with touchpad

**Mb** Mac keyboard with trackball

**Sb** S keyboard with trackball

