

1U 17.3" Widescreen Full HD 1920x1080 LCD Console Drawer with VGA + DVI-D + HDMI Video Input w/ Speaker with 104 Key Notepad Keyboard w/ Trackball (b)

Model: NW117HDb-HDMI



BENEFITS:

- 1U 17" LCD console drawer
- 1920 x 1080 native resolution / 16.7M colors (8-bit)
- VGA + DVI-D + HDMI video input / USB KB / MS
- 104-key keyboard with either touchpad or trackball
- Short depth design of 460mm
- One Man installation design
- New enhanced aesthetics with molded front handle
- 2-year standard warranty (upgradable up to 5 years)

Console Port	
Video input	VGA + DVI-D + HDMI
KB / MS	USB interface
VGA console 6ft cable : NB-6A or	Drawer end : DB-15 + USB type A x 2 Server end : DB-15 + USB type A x 2
DVI-D console 6ft cable : CV-6A	Drawer end : DVI-D + USB type A x 2 Server end : DVI-D + USB type A x 2

LCD Panel	
Panel size (diagonal)	17.3"
Native resolution	1920 x 1080
Brightness (cd/m ²)	300
Contrast ratio (typ.)	1000 : 1
Colors	16.7 M, 8-bit
Viewing angle (L/R/U/D)	89/89/89/89
Response time (ms)	25
Dot pitch (mm)	0.1989
Display area (mm)	381.888H x 214.812V
Surface treatment	Anti-glare, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	15,000

Physical		
Product (W x D x H)	Single console	442 x 460 x 44 mm 17.4 x 18.1 x 1.73 inch
	Console w/ KVM	442 x 580 x 44 mm 17.4 x 22.8 x 1.73 inch
Packing (W x D x H)	Single console /	590 x 808 x 140 mm
	Console w/ KVM	23.2 x 31.8 x 5.5 inch
Net weight	Single console	10.8 kg / 23.8 lb
	Console w/ KVM	11.6 kg / 25.5 lb
Gross weight	Single console	15.8 kg / 34.8 lb
	Console w/ KVM	17.5 kg / 38.5 lb

Mounting Distance	
Single console drawer	470 ~ 700 mm 18.5 ~ 27.6 inch
Console w/ KVM drawer	470 ~ 800 mm 18.5 ~ 31.5 inch

OPTIONS:

- Front USB hub port for device access
 - HDMI 1.4 + Audio input & output (AV4.4)
 - HDMI 1.4 video input (HDMI)
 - DP 1.0 video input * (DP)
 - 3G / HD / SD-SDI Broadcast-grade input (SDI)
 - Composite (BNC)
 - 2-post rack mounting brackets (ORB-2.1)
 - DC power : 12V / 24V / 48V / 125V
 - MAC or SUN Micro keyboard options
 - Touchscreen : Projected Capacitive 10-pt / Resistive 1-pt
- * No DVI-D after integration of DP 1.0 video input

Video Option		
Digital	HDMI	HDMI 1.4 / HDCP 1.4
Analog	Display port	DP 1.0 / HDCP 1.3
	Composite (BNC)	NTSC & PAL

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. 14W / Max. 45W
	Power saving mode	Max. 2W / Max. 34W
	Power button off	Max. 1W / Nil

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

Compliance	
EMC	FCC, CE
Safety	c UL us, CE / LVD, UKCA & CCC
Environment	RoHS3 & REACH

MODELS with KVM

2K KVM	IP	Remote	8-port	
	0	0	NW117HD-D8	

2K KVM Cable



NK6D (6 ft)
DVI-D KVM cable



NK6H (6 ft)
HDMI KVM cable

Resolution Support **: 16:9 - max. 2560 x 1440
16:10 - max. 1920 x 1200
4:3 - max. 1600 x 1200

DVI-D KVM	IP	Remote	12-port	
	0	0	NW117HD-D12	

DVI-D USB KVM Cable

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



NI - 6 (6 ft)
NI - 15 (15 ft)

Matrix CAT6 KVM	IP	Remote	8-port	16-port	32-port
	1	1	-	NW117HD-MC1116	NW117HD-MC1132
	2	1	-	NW117HD-MC2116	NW117HD-MC3224
	0	1	-	NW117HD-MC0116	NW117HD-MC0132
	0	2	-	NW117HD-MC0216	NW117HD-MC0232
0	3	-	NW117HD-MC0316	NW117HD-MC0332	

CAT6 KVM Dongle



USB-C dongle



IF-DUSBP
DP - USB dongle



IF-DUSBH
HDMI - USB dongle



IF-DUSBD
DVI - USB dongle



IF-DUSB
VGA - USB dongle

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

CAT6 Combo KVM	IP	Remote	8-port	16-port	32-port
	1	0	NW117HD-CIP8	NW117HD-CIP16	NW117HD-CIP32
	0	1	NW117HD-CCE8	NW117HD-CCE16	NW117HD-CCE32
0	0	NW117HD-C8	NW117HD-C16	NW117HD-C32	

Matrix DB-15 KVM	IP	Remote	8-port	16-port
	1	1	NW117HD-M118	NW117HD-M1116
	2	1	NW117HD-M218	NW117HD-M2116
	0	1	NW117HD-M018	NW117HD-M0116
	0	2	NW117HD-M028	NW117HD-M0216
0	3	NW117HD-M038	NW117HD-M0316	

DB-15 VGA USB KVM Cable



NB - 6 (6 ft)



NB - 10 (10 ft)





NB - 15 (15 ft)


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

Combo DB-15 KVM	IP	Remote	8-port	16-port
	1	0	NW117HD-IP8	NW117HD-IP16
	0	1	NW117HD-CE8	NW117HD-CE8
0	0	NW117HD-S8	NW117HD-S16	

IP Console





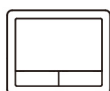
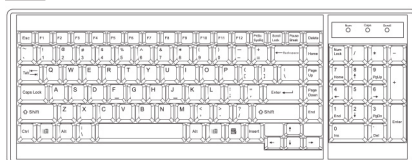


High Performance KVM Access Over IP

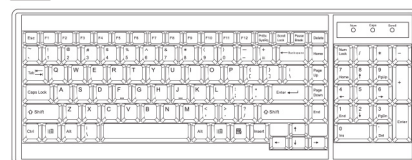
Connector : RJ45
 User management: 1 x active user, 15-user login
 Network protocol: DHCP / BOOTP / DNS
 Security : TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
 Browser : Chrome, Firefox, Edge, etc.
 Resolution : 16:9 - max. 1920x1080 / 16:10 - max. 1920x1200 / 4:3 - max. 1600x1200

STANDARD KEYBOARD










Ge G keyboard with touchpad



Gb G keyboard with trackball



Supporting layouts

America						
	U.S.					
EMEA						
	U.K.	Germany	France	Russia	Spain	Italy
Asia						
	Japan	Korea				

KEYBOARD OPTIONS

* US layout only

Me Mac keyboard with touchpad



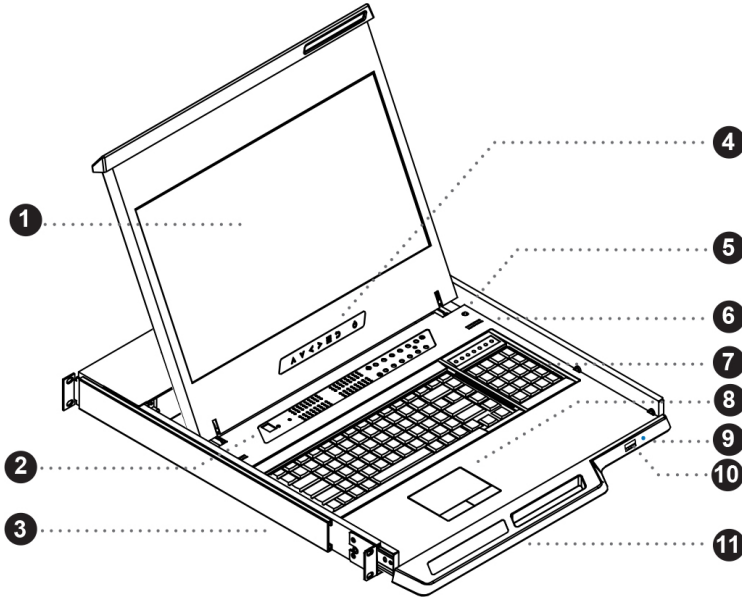
Se S keyboard with touchpad

Mb Mac keyboard with trackball

Sb S keyboard with trackball



STRUCTURE DIAGRAM

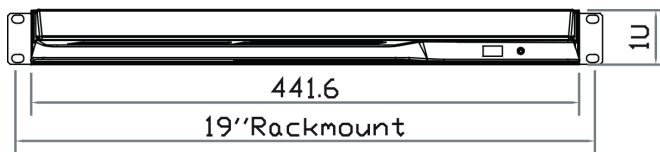


- ① LCD interchangeable module kit
- ② Membrane switch (KVM option)
- ③ Installation Slides
- ④ LCD membrane
- ⑤ Micro switch for screen auto power off
- ⑥ Audio speaker (for SDI or HDMI option)
- ⑦ Keyboard interchangeable module kit
- ⑧ Mouse interchangeable module kit
- ⑨ Blue Power LED
- ⑩ Front USB port for device access (USB Hub KVM only)
- ⑪ Molded front handle

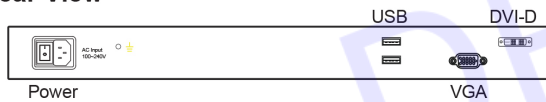
DIMENSION

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

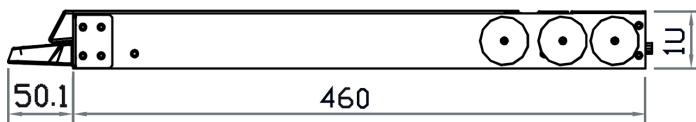
Front View



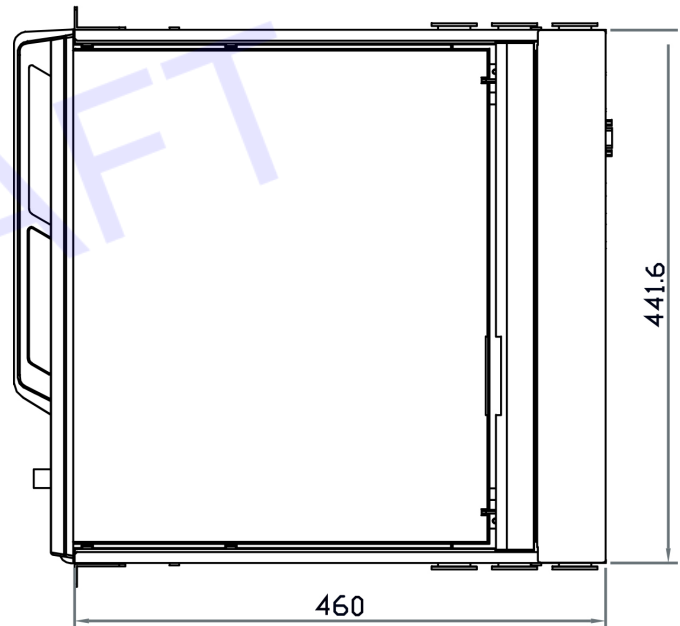
Rear View



Side View



Top View



Drawing No.: NW117HDb-HDMI-05032022-V1