NEXTECH XC5910



11 in 1 Multifunction Hub with 2 HDMI, Network, SD, Micro SD, 100W PD, Audio and Microphone

Instruction Manual

INTRODUCTION:

Built in a slim, light, and miniature case, the MST (Multi Stream Transport) dock is designed to meet demands of extra USB peripherals and monitors. You can choose a DP or HDMI port for high-resolution display to extend or duplicate the content of your AV sources.

In addition, you can also connect your laptop to the upstream USB-C port and get it charged. The dock also has three USB 3.0 interfaces, allowing you to transfer data at high speeds.

PRODUCT FEATURES:

USB Power Delivery

The upstream USB-C port is compliant with USB power delivery specification revision 3.0 and supports up to 100W power supply.

• USB Data Transmission

The MST dock has three USB 3.0 ports, providing your devices with plenty of connection possibilities with a data transfer rate of up to 5Gbps.

• Triple Display

This MST dock has 3 different video ports, you can either select one port or combine two or all three of them for your own needs.

RJ45 Gigabit Ethernet

A Gigabit Ethernet port provides high-speed networking and is backward compatible with 10/100/1000 Mbps.

SD/TF Card Reader

Support Secure DigitalTM v5.0 and SD v3.1 UHS-I. Support Card Reader SDHC/ SDXC (Capacity up to 2TB).

PRODUCT OVERVIEW:





- **1.** Gigabit Ethernet port
- 2. 3 x USB 3.0 port
- 3. 1 x DisplayPort
- 4. 2 x HDMI port
- 5. Upstream USB-C port
- 6. Power port

- 7. Power button
- 8. USB 3.0 port with BC 1.2 fast charging
- 9. Micro SD card reader
- 10. SD card reader
- **11.** 4-pole phone jack

SYSTEM REQUIREMENTS:

- Windows 7/8/10 or later
- Mac OS X 10 or later
- CPU i7 or higher, RAM 4GB or above
- Host PC/laptop supporting PD 3.0
- PC/laptop with USB 3.1 full function Type-C port (Power Delivery, Video Alternate, Data Transfer)

SINGLE DISPLAY:

Video Port		DP	HDMI	HDMI
DP version	HBR2	3840 x	3840 x	3840 x
of PC/laptop	(DP1.2)	2160@30Hz	2160@30Hz	2160@30Hz
	HBR2	3840 x	3840 x	3840 x
	(DP1.4)	2160@30Hz	2160@60Hz	2160@60Hz

DUAL DISPLAY:

Video Port		Dual HDMI	DP + HDMI
DP version of PC/laptop	HBR2 (DP1.2)	1920 x 1080@60Hz	1920 x 1080@60Hz
	HBR2 (DP1.4)	2560 x 1440@60Hz	2560 x 1440@60Hz

TRIPLE DISPLAY:

Video Port		DP + HDMI + HDMI		
DP version	HBR2	1600 x	1600 x	1600 x
of PC/laptop	(DP1.2)	900@60Hz	900@60Hz	900@60Hz
	HBR2	1920 x	1920 x	1920 x
	(DP1.4)	1080@60Hz	1080@60Hz	1080@60Hz

Note: If you want to use 3 displays with your PC/laptop simultaneously, please make sure that the Graphics card of the USB-C port supports at least 4 displays in DP ALT Mode, including your PC's own screen. Check with your PC's manufacturer on this. If your graphics card doesn't support 4 displays, please check FAQ Q2 for details.

Remarks for Windows based PC/laptops:

- 1. Before you connect two or three monitors, we suggest you lower monitor resolution, please check FAQ Q3 for details.
- 2. Before you connect three monitors, we suggest you disconnect laptop/PC first, please check FAQ Q2 for details.

Remarks for Mac based PC/laptops:

- 1. When you connect only one external monitor to the dock, there are both extend and mirror modes available.
- 2. If you have two or three monitors connected to the dock, then you can only extend to one monitor while the other one or two monitor(s) will copy the same content on your extended monitor.

DISPLAY MODE SETTINGS:

For Windows Users

1. Right-click at any spot on your desktop and select "Display settings".

	View	>	Setting
	Sort by	>	命
	Refresh		
	Paste		
	Paste shortcut		
	Undo Delete	Ctrl+Z	
2	NVIDIA Control Panel		Colo
	New	>	Night
	Display settings		Night
2	Personalise		Win

2. On "Display", please select either monitor 1 or monitor 2.

Settings		- 0		
命 Display				
1	2			
	Identify	Detect		
Colour				
Night light Off				
Night light settings				
Windows HD Colour				
Get a brighter, more vibrant picture in HDR and WCG videos, games and apps.				

3. Scroll down to "Multiple displays", and select the mode in the drop-down list that is best for your needs.

Multiple displays

Duplicate these displays

Extend these displays

Show only on 1

Show only on 2

Connect to a wireless display

Advanced display settings

Graphics settings

For Macintosh Users

1. Select "System Preferences" and then choose "Displays".



2. Click on "Arrangement" to change the position of displays currently connected.

3. Choose the expand or mirror mode according to your preferences.

		Q Search
To rearrange the displays, drag them to To relocate the menu bar, drag it to a dif	Display <mark>Arrangement</mark> Color Night Shift the desired position. Ferent display.	
_		
AirPlay Mirroring: No Device Dete	cted 🗘	Cather Windows

Extend Mode



Mirror Mode

FAQ:

1. How to figure out the maximum resolution (DP1.2/DP1.4) my laptop supports?

- 1. Firstly check the Graphics card version of your laptop; *Find "display adapter" in "Device Manager".
- 2. Check your Graphics card's information with the manufacturer.

2. Why doesn't my third monitor display when I set the triple display mode?

Choose the main display

1. Right-click to select "Display settings".



2. Choose a monitor display and scroll down to "Multiple displays".

Multiple displays		
Multiple displays		
Extend desktop to this display	\sim	
Make this my main display		

3. Mark "Make this my main display".

Disconnect laptop display

Display

Landscape	\sim
Rotation lock	
On On	
Duplicate desisten on 1 and 2	
Duplicate desktop on 1 and 2	
Duplicate desktop on 1 and 3	
Duplicate decktop on 1 and 4	
Dupicate desktop on Fand 4	
Extend desktop to this display	
Disconnect this display	
,	

- 4. Select the laptop display ("1" is the default display for the laptop) and scroll down to "Multiple displays".
- 5. Select "Disconnect this display", then the laptop display panel will become disconnected.

Turn on the third monitor display

Display

Landscape \lor
Rotation lock
On On
Duplicate desktop on 1 and 2
Duplicate desktop on 1 and 3
Duplicate desktop on 1 and 4
Extend desktop to this display
Disconnect this display

- 6. Choose the remaining monitor display, then scroll down to "Multiple displays".
- 7. Select "Extend desktop to this display" to enable this display.

3. Why do the displays on my 2K and 4K monitors appear unusual in dual or triple display mode?

The resolution of some branded monitors cannot be adjusted automatically, the "Active signal resolution" for example is different from Windows setting "Desktop resolution", hence you'd better set the resolution at the same value. Check your Graphics card's information with the manufacturer.

- 1. Right-click and select "Display settings".
- 2. Select your monitor display and click on it, then scroll down to select "Advanced display settings".

Display			
Select and rearrange d	splays		
Select a display below to chan	ge its settings. Some se	ettings are applied	to all displays.
			7
3	2	1	
		Identify	Detect

3. Check if resolution values of each monitor on "Desktop resolution" and "Active signal resolution" are the same.

_	Customize your display	
2	1 2	Display information
		Display 1: Connected to Intel(R) HD Graphics 620
		Desktop resolution 1920 × 1080
		Active signal resolution 1920 × 1080
	Identify Detect	Refresh rate (Hz) 59 Hz
	Change the size of text, apps, and other items: 100% (Recommended)	Bit depth 8-bit
	L	Color format RGB
	Orientation	Color space Standard dynamic range (SDR)
	Landscape	Display adapter properties for Display 1
	Multiple displays	LG HDR 4K Display 2: Connected to Intel(R) HD Graphics 620
	Extend these displays	Desktop resolution 1920 × 1080
		Active signal resolution 3840 × 2160
	Make this my main display	Refresh rate (Hz) 29 Hz
		Bit depth 8-bit
	Apply Cancel	Color format RGB
		Color space Standard dynamic range (SDR)
L	Advanced display settings	Display adapter properties for Display 2

4. Click on "Display adapter properties for Display 2" and lower the resolution to the right value if two values are different.

\leftarrow Settings		- D >	<
ல் Advanced	display settings	Generic PnP Monitor and Intel(R) HD Graphics 620 Properties Adapter Monitor Color Management	×
Color lormat	KGB	Adapter Type	
Color space	Standard dynamic range (SDR)	Inter(K) HD Graphics 620	
Display adapter propertie	es for Display 1	Properties	
LG HDR 4K Display 2: Connected	to Intel(R) HD Graphics 620	Adapter Information Chip Type: Intel(R) HD Graphics Family	
Desktop resolution	1920 × 1080	DAC Type: Internal Adapter String: Intel(R) HD Graphics 620	
Active signal resolution	1920 × 1080	Bios Information: Intel Video BIOS	
Refresh rate (Hz)	59 Hz	Total Available Graphics Memory: 4145 MB	
Bit depth	8-bit	Dedicated Video Memory: 128 MB	
Color format	RGB	System Video Memory: 0 MB Shared System Memory: 4017 MB	
Color space	Standard dynamic range (SDR)		
Display adapter propertie	es for Display 2	List All Modes	
SA230 Display 3: Connected	to Intel(R) HD Graphics 620	OK Cancel Apply	
Desktop resolution	1920 × 1080	List All Modes ×	
Active signal resolution	1024 × 768	List of valid modes	
Refresh rate (Hz)	70 Hz	1600 by 900, True Color (32 bit), 30 Hertz	
Bit depth	8-bit	1600 by 1200, True Color (32 bit), 25 Hertz 1680 by 1000, True Color (32 bit), 30 Hertz	
Color format	RGB	1680 by 1050, True Color (32 bit), 30 Hertz 1792 by 1344, True Color (32 bit), 30 Hertz	
Color space	Standard dynamic range (SDR)	1792 by 1344, True Color (32 bit), 30 Hertz 1856 by 1392, True Color (32 bit), 29 Hertz	
Display adapter propertie	es for Display 3	1856 by 1392, True Color (32 bit), 30 Hertz 1920 by 1080, True Color (32 bit), 59 Hertz	
Have a question?		OK Cancel	

4. Why does it show "slow charging" on my laptop?

Some users may notice that the charging status shows "slow charging", this is because some series of laptop have protection protocol, especially laptops that have both Thunderbolt 3 port and over 130W external DC power adapter. Please use the original laptop charger to charge.

5. What is High Dynamic Range (HDR)?

High Dynamic Range (HDR) creates much more lifelike experiences by allowing bright objects such as lights and highlights glinting off shiny objects to be displayed much more brightly than other objects in the scene. HDR also allows for more details in dark scenes. True HDR playback is not yet available on the built-in displays of laptops and tablets, many of TVs and PC monitors start to build in HDR-10 with HDCP2.2 to support. Some of the key HDR content sources today are:

- Streaming HDR (e.g. YouTube*) & Streaming premium HDR (e.g. Netflix*)
- Local HDR Video Files
- ULTRA HD Blu-ray*
- HDR games
- HDR content creation apps

Also, if you need to stream HDR contents with applications like Netflix and YouTube, make sure in Windows 10 "Stream HDR Video" setting is "on" in the "Video playback settings" page.

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