



COMFILE CPCV6 Series Function Desktop PC Box User Manual

[Home](#) » [COMFILE](#) » COMFILE CPCV6 Series Function Desktop PC Box User Manual 

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Contents

- [1 Hardware Specification](#)
- [2 External Parts](#)
- [3 Dimensions](#)
- [4 Input/Output Connectors](#)
- [5 Power Input Connector](#)
- [6 Warranty Policy](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

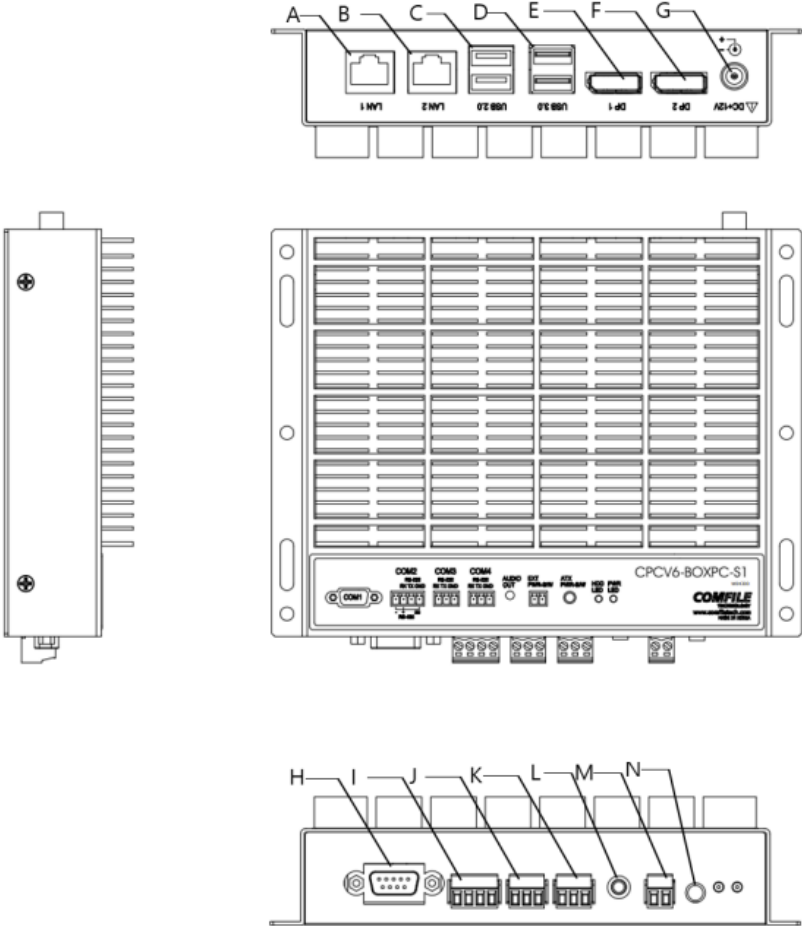
Hardware Specification

ITEM		Model Name			
		CPCV6-BO X-S1	CPCV6-070W R	CPCV6-104 WF	CPCV6-150WF
CPU		Intel Celeron J6412 / Quad Core/ 2GHz			
CPU Type		Onboard			
RTC		Chipset Built-in RTC with Lithium Battery			
Memory		SODIMM DDR4 4GB			
Graphics		Intel UHD Graphics, DP Output Port x 2			
Ethernet		2x Intel Ethernet Controller I226-LM 2.5GbE			
Audio		Realtor High Definition Audio 1x Audio Line Out Port			
USB		2x USB2.0, 2xUSB3.0			
HDD		m-SATA 128GB			
Displ ay	Size		7 inch	10.4inch	15inch
	Resolutio n		WSVGA(1024 x600)	XGA(1024 x 768)	
	Aspect R aio		16:9	4:3	4:3
	Colors		16.7M	262K	16.7M
	Contrast		800:1	500:	800:1
	Response time		10msec	Tecumseh	16msec
	Brightnes s		400cd	400cd	420cd
	Lifespan of Back light		>20,000hrs	>30,000hrs	
	Touchscre en Type		4-Wire Resistivity Touch		
Serial		4 Port(Note 1) COM1 : RS232CCOM2 : RS232C/RS485 COM3 : RS232CCOM4 : RS232C			
Input Power		DC+12V (Note 1)			
Power Consumption		<14.4W (1.2 A@DC12V)	<16W (1.3A @DC12V)	<18W(1.5A@DC12V)	<24W (2.0A @DC12V)
Weight		660g	1065g	2400g	4050g
Operating Temperature		0°C ~ 60°C			

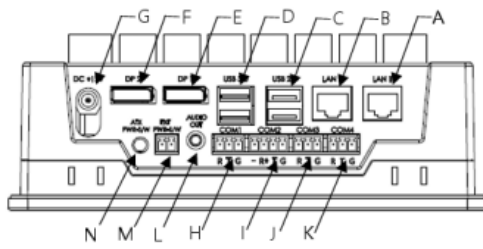
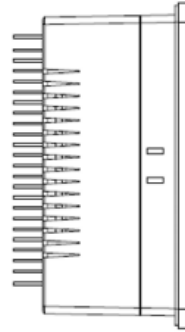
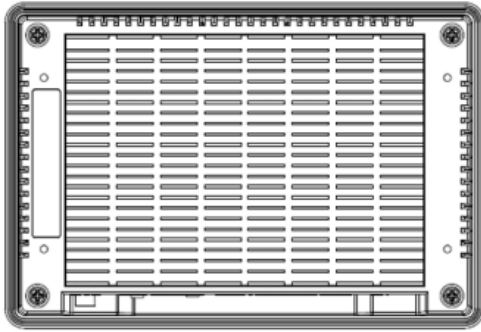
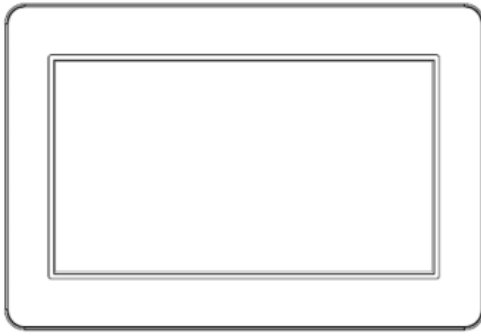
0 Storage Temperature	-30°C ~ 80°C
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Note 1. DC cables and RS232C/RS485 cables must be used less than 3m.

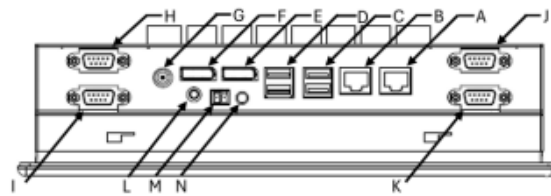
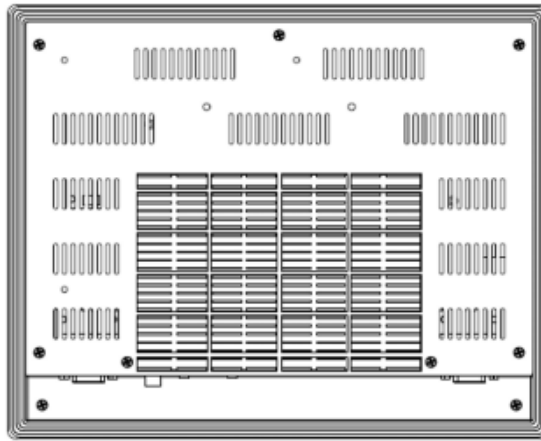
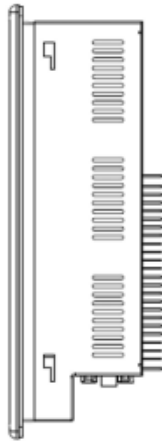
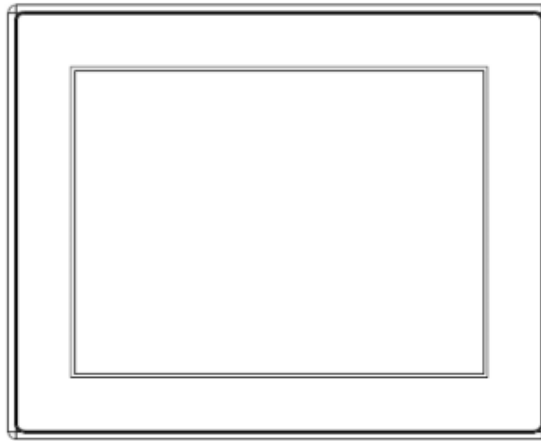
External Parts



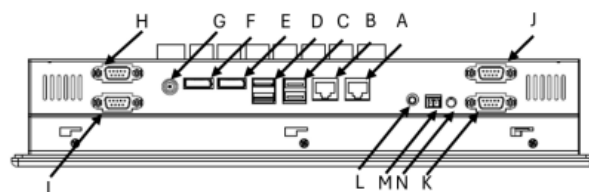
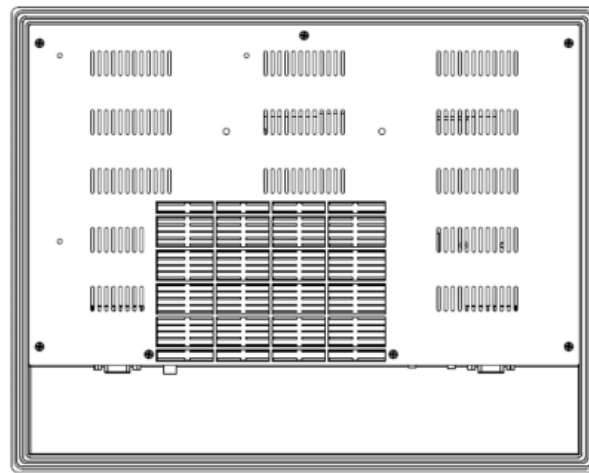
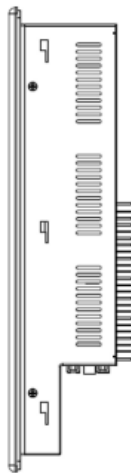
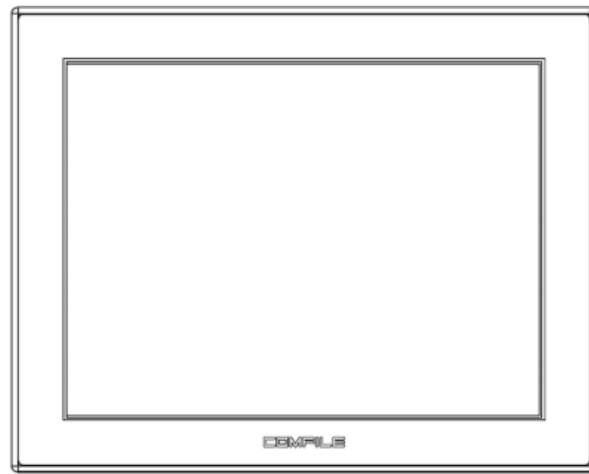
[CPCV6-BOX-S1]



[[CPCV6-070WR]



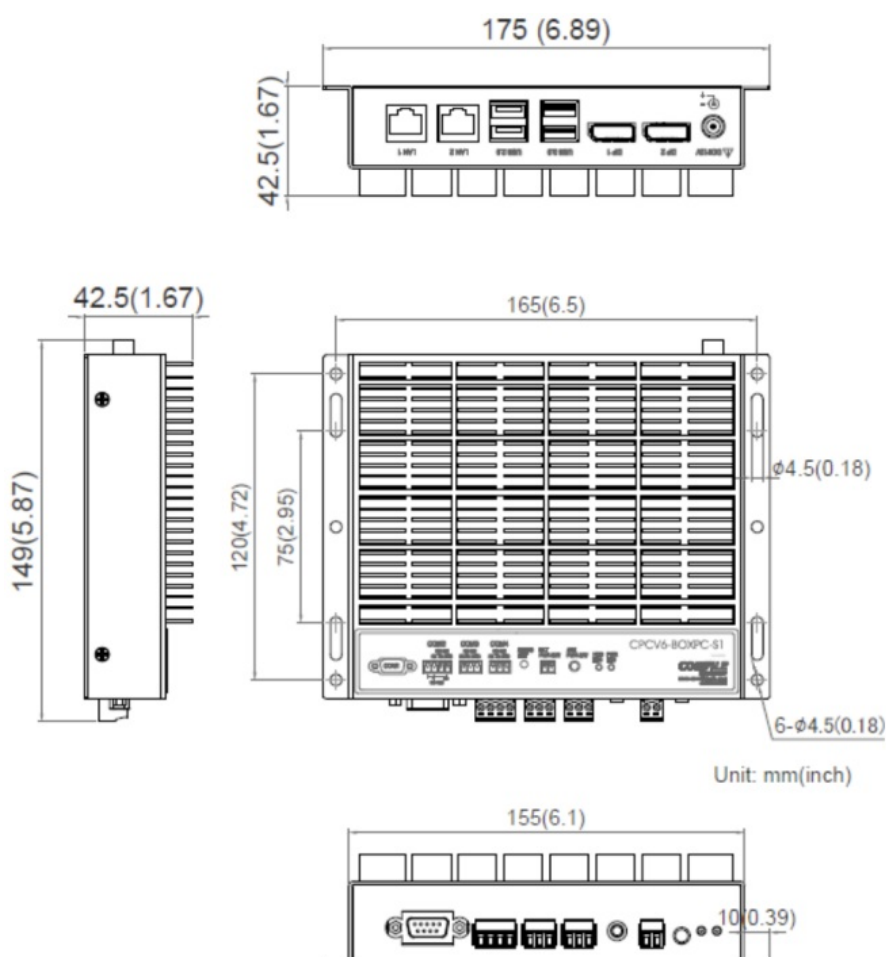
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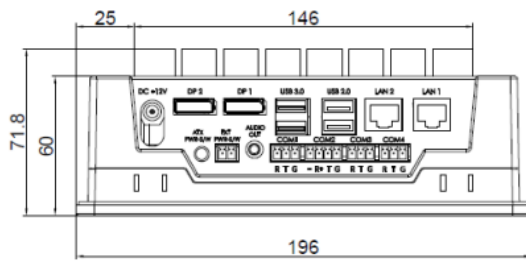
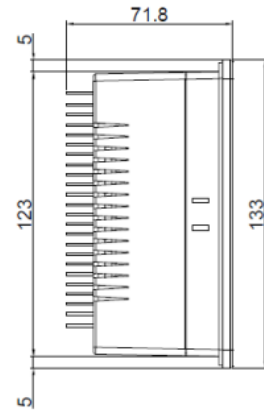
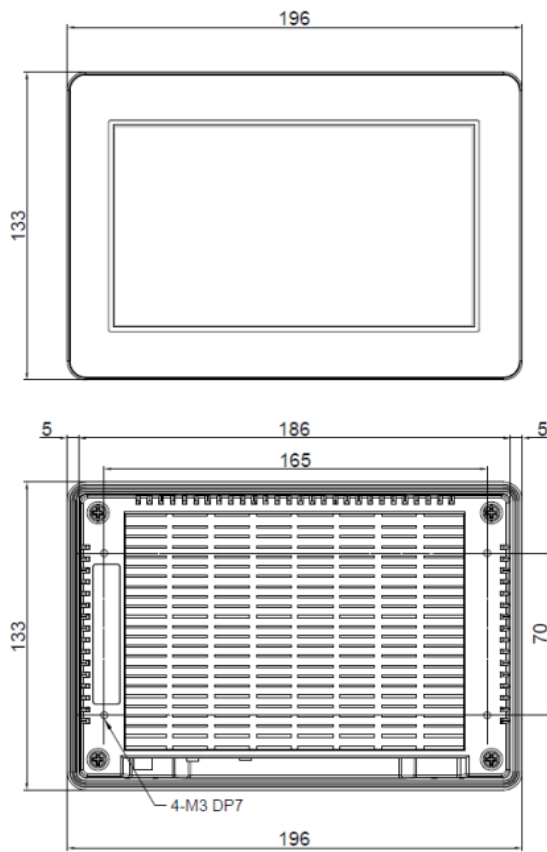
[CPCV6-150WR]

	Name	Description
A	LAN1 Port	Support Gigabit LAN, with RJ-45 type connector.
B	LAN2 Port	Support Gigabit LAN, with RJ-45 type connector.
C	USB 2.0 Port	Support USB2.0.
D	USB 3.0 Port	Support USB3.0.
E	DP1 Port	DP(Display port) output for external monitor.
F	DP2 Port	DP(Display port) output for external monitor.
G	DC INPUT	ø2.5 Adaptor Input Connector. (DC +12V)
H	COM1 Port	COM1 (RS232C, D-SUB 9Pin Male Type)
I	COM2 Port	COM2 (RS232C/RS485).
J	COM3 Port	COM3 (RS232C).
K	COM4 Port	COM3 (RS232C).
L	Audio OUT	Sound output for external speaker.
M	Ext. Power S/W	The connector which can be linked to external switch.Same function with ATX Power S/W.
N	ATX Power S/W	ATX mode power switch. Boot or exit the system.

Dimensions

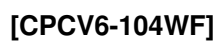
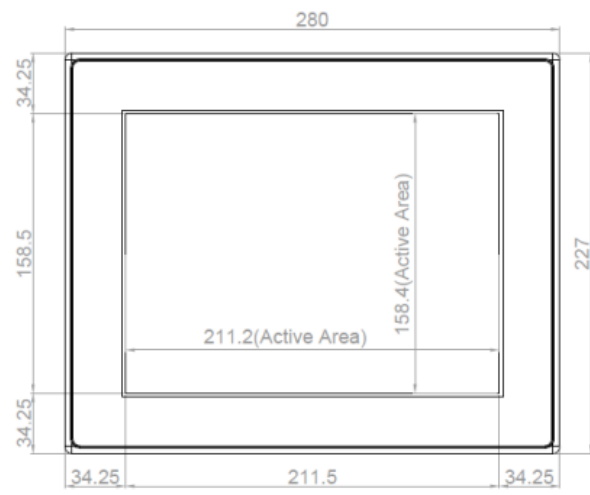


[CPCV6-BOX-S1]

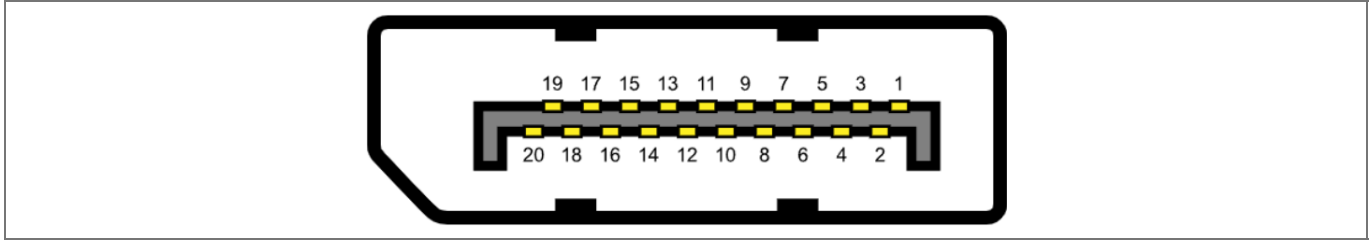


Unit: mm

[CPCV6-070WR]



Connector Type



Pin Assignment

Order	Name	Order	Name	Order	Name	Order	Name
1	ML_Lane0+	2	GND	3	ML_Lane0 –	4	ML_Lane 1 +
5	GND	6	ML_Lane 1 –	7	ML_Lane 2 +	8	GND
9	ML_Lane 2 –	10	ML_Lane 3 +	11	GND	12	ML_Lane 3 –
13	CONFIG 2	14	CONFIG 2	15	AUX CH+	16	GND
17	AUX_CH-	18	Hot plug	19	Return	20	DP_PWR

Serial Port Input/Output Connector (COM1/COM2/COM3/COM4) [CPCV6-BOX-S1/ CPCV6-070WR]

Connector type

[COM 1

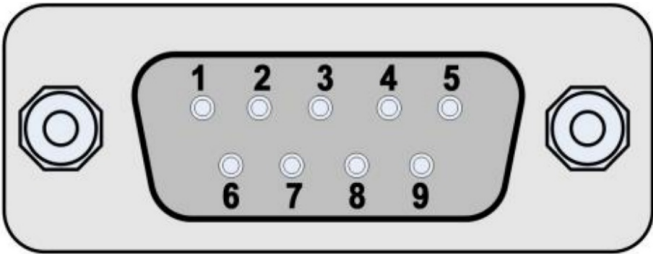


[COM 2] _____



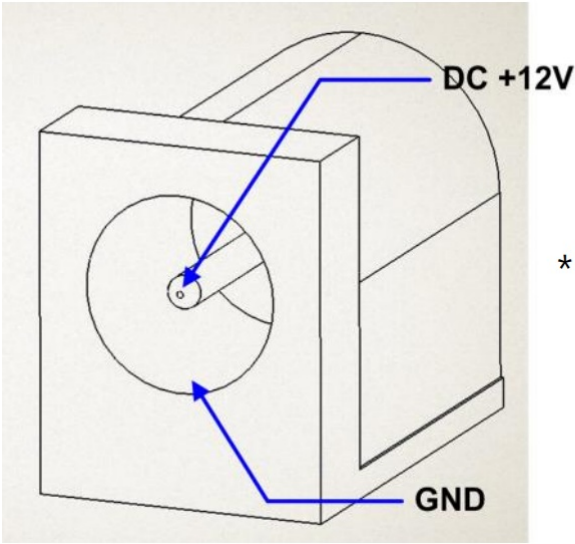
[COM 3 COM 4]

RS232C(COM1)				RS232C/RS485(COM 2)				RS232C(COM3, COM 4)			
Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name
1	DCD	2	RXD	1	DATA-	2	DATA+ R X	1	RX-	2	TX+
3	TXD	4	DTR	3	TX	4	GND	3	RX+	—	
5	GND	6	DSR								
7	RTS	8	CTS								
9	RI	—	—								

[COM1/ COM 2/ COM3/ COM 4] 											
RS232C(COM1)				RS232C/RS485(COM 2)				RS232C(COM3, COM4)			
Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name	Pin	Name
1	DCD	2	RXD	1	DCDDAT A-	2	RXDATA +	1	DCD	2	RXD
3	TXD	4	DTR	3	TX	4	DTR	2	TXD	4	DTR
5	GND	6	DSR	5	GND	6	DSR	5	GND	6	DSR
7	RTS	8	CTS	7	RTS	8	CST	7	RTS	8	CTS
9	RI	—	—	9	RI	—	—	9	RI		—

***Notice : RS485 function is supported by COM 2 Port only. User also needs to go to BIOS to set ‘Electrical Interface Mode’ for COM 2.**

Power Input Connector



* ø 2.5 Adaptor Jack

 **Caution for wiring**

- Please make sure if every power supply is off before starting wiring.
- Please check the voltage and cables before supplying power.

Warranty Policy

Warranty Period

The products are warranted to be free of defects in materials and workmanship for 1 year from the date of purchase.

Warranty Exclusions

The warranty does not cover abrasion and is considered void if the product is opened by unauthorised person, damaged by abnormal use, heat or humidity, or used against user manual.

Request of Warranty Repair

If the products have defect(s) during the warranty period, the customer should inquire at the manufacturer or dispatch the products with the description to the address the manufacturer provides. If the request is appropriate, the manufacturers repairs and dispatch it to the customer.

Limitation of Liability

The manufacturer and distributor are not responsible for damages or breakdowns caused by direct or indirect reasons, and the maximum duty of manufacturer and distributor are limited to the total amount paid by the customer. The limitations or exclusions of warranty have priority over any other warranty expressed explicitly, imperatively, in writing, or orally.

Contact Information

Should you need any additional information or assistance about CPCV6, please feel free to contact us.

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COMFILE

TECHNOLOGY

Documents / Resources

	COMFILE CPCV6 Series Function Desktop PC Box [pdf] User Manual CPCV6-070WR, CPCV6-BOXPC-S1, CPCV6 Series Function Desktop PC Box, CPCV6 Series, Function Desktop PC Box, Desktop PC Box, PC Box, Box
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References

- [C/C++](#)

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