




RESI Informatik & Automation GmbH  
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[www.RESI.cc](http://www.RESI.cc)

OVERVIEW VIEW7 TOUCHDISPLAYS WITH CONTROLLER

	GENERAL											DESIGN		INTERFACES					OS	INFO			
	HOUSING	POWER SUPPLY 12-48V =	RASPBERRY® Controller	CPU Quad core 64-bit ARM-Cortex A72@1.5GHz	RAM in GB	SD CARD exchangeable, in GB	HDMI Micro HDMI 4K	AUDIO+COMPOSITE TV 4-ring TRS A/V jack	WIFI+ BLUETOOTH 802.11 b/g/n/ac Wireless LAN Bluetooth 5.0 with BLE	TOUCHSCREEN 7" color, 800x480 pixel capacitive touchscreen	TOUCHSCREEN2 7" color, 1280x720 pixel capacitive touchscreen	REMARK	STANDARD Design	SMALL FRAME Design	ETHERNET Gigabit	USB 2.0	USB 3.0	RS232	KNX	SENSORS Temperature, proximity & ambient light sensors	LINUX® Standard Raspberry® distribution	CATALOG page	
RESI-V7x Raspberry Pi4© based LINUX controller with vertical 7" touchscreen and serial interfaces KNX or RS232, in-wall mounting versions																							
RESI-V7V-2GB	V1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		YES	X	
-4GB	Addon price for 4GB RAM				4																		
-8GB	Addon price for 8GB RAM				8																		
RESI-V7VK-2GB	V1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	YES	X	
RESI-NV7V-2GB	V1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		NO	X	
RESI-NV7VK-2GB	V1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	NO	X	
RESI-SV7V-2GB	V2	X	PI4 B	X	2	32	2	1	X	X		A		X		1	2	2	1		NO	X	
RESI-SV7VK-2GB	V2	X	PI4 B	X	2	32	2	1	X	X		K		X		1	2	2		1	NO	X	
RESI-V7x Raspberry Pi4© based LINUX controller with horizontal 7" touchscreen and serial interfaces KNX or RS232, in-wall mounting versions																							
RESI-V7H-2GB	H1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		YES	X	
RESI-V7HK-2GB	H1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	YES	X	
RESI-NV7H-2GB	H1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		NO	X	
RESI-NV7HK-2GB	H1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	NO	X	
RESI-SV7H-2GB	H2	X	PI4 B	X	2	32	2	1	X	X		A		X		1	2	2	1		NO	X	
RESI-SV7HK-2GB	H2	X	PI4 B	X	2	32	2	1	X	X		K		X		1	2	2		1	NO	X	
RESI-V7x Raspberry Pi4© based LINUX controller with vertical 7" touchscreen and serial interfaces KNX or RS232, control cabinet mounting versions																							
RESI-V7V-CC-2GB	CV1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		YES	X	
RESI-V7VK-CC-2GB	CV1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	YES	X	
RESI-NV7V-CC-2GB	CV1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		NO	X	
RESI-NV7VK-CC-2GB	CV1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	NO	X	
RESI-SV7V-CC-2GB	CV2	X	PI4 B	X	2	32	2	1	X	X		A		X		1	2	2	1		NO	X	
RESI-SV7VK-CC-2GB	CV2	X	PI4 B	X	2	32	2	1	X	X		K		X		1	2	2		1	NO	X	
RESI-V7x Raspberry Pi4© based LINUX controller with horizontal 7" touchscreen and serial interfaces KNX or RS232, control cabinet mounting versions																							
RESI-V7H-CC-2GB	CH1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		YES	X	
RESI-V7HK-CC-2GB	CH1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	YES	X	
RESI-NV7H-CC-2GB	CH1	X	PI4 B	X	2	32	2	1	X	X		A	X			1	2	2	1		NO	X	
RESI-NV7HK-CC-2GB	CH1	X	PI4 B	X	2	32	2	1	X	X		K	X			1	2	2		1	NO	X	
RESI-SV7H-CC-2GB	CH2	X	PI4 B	X	2	32	2	1	X	X		A		X		1	2	2	1		NO	X	
RESI-SV7HK-CC-2GB	CH2	X	PI4 B	X	2	32	2	1	X	X		K		X		1	2	2		1	NO	X	
RESI-V7x Accessories																							
RESI-V7X-WB1	Wallbox for in-wall mounting of our 7" touch panels. Wall outlet size: WxHxD: 115x195x50mm																						
RESI-V7V-DT1	Drilling & milling template for mounting of our 7" touch panels into a wall.																						
RESI-SV7V-DT1	Drilling & milling template for mounting of our 7" touch panels into a wall.																						
RESI-V7H-DT1	Drilling & milling template for mounting of our 7" touch panels into a wall.																						
RESI-SV7H-DT1	Drilling & milling template for mounting of our 7" touch panels into a wall.																						
RESI-V7V-CC-DT1	Drilling & milling template for mounting of our 7" touch panels into a control cabinet.																						
RESI-SV7V-CC-DT1	Drilling & milling template for mounting of our 7" touch panels into a control cabinet.																						
RESI-V7H-CC-DT1	Drilling & milling template for mounting of our 7" touch panels into a control cabinet.																						
RESI-SV7H-CC-DT1	Drilling & milling template for mounting of our 7" touch panels into a control cabinet.																						
RESI-V7V-S1	Seal for mounting of our 7" touch panels into a wall.																						
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RESI-VI7x Raspberry Pi4© based LINUX controller with improved vertical 7" touchscreen and serial interfaces KNX or RS232, in-wall mounting versions																						
RESI-VI7V-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		YES	X	
-4GB	Addon price for 4GB RAM				4																	
-8GB	Addon price for 8GB RAM				8																	
RESI-VI7VK-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	YES	X	
RESI-NVI7V-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		NO	X	
RESI-NVI7VK-2GB	VI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	NO	X	
RESI-SVI7V-2GB	VI2	X	PI4 B	X	2	32	2	1	X		X	A		X	1	2	2	1		NO	X	
RESI-SVI7VK-2GB	VI2	X	PI4 B	X	2	32	2	1	X		X	K		X	1	2	2		1	NO	X	
RESI-VI7x Raspberry Pi4© based LINUX controller with improved horizontal 7" touchscreen and serial interfaces KNX or RS232, in-wall mounting versions																						
RESI-VI7H-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		YES	X	
RESI-VI7HK-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	YES	X	
RESI-NVI7H-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		NO	X	
RESI-NVI7HK-2GB	HI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	NO	X	
RESI-SVI7H-2GB	HI2	X	PI4 B	X	2	32	2	1	X		X	A		X	1	2	2	1		NO	X	
RESI-SVI7HK-2GB	HI2	X	PI4 B	X	2	32	2	1	X		X	K		X	1	2	2		1	NO	X	
RESI-VI7x Raspberry Pi4© based LINUX controller with improved vertical 7" touchscreen and serial interfaces KNX or RS232, control cabinet mounting versions																						
RESI-VI7V-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		YES	X	
RESI-VI7VK-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	YES	X	
RESI-NVI7V-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		NO	X	
RESI-NVI7VK-CC-2GB	CVI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	NO	X	
RESI-SVI7V-CC-2GB	CVI2	X	PI4 B	X	2	32	2	1	X		X	A		X	1	2	2	1		NO	X	
RESI-SVI7VK-CC-2GB	CVI2	X	PI4 B	X	2	32	2	1	X		X	K		X	1	2	2		1	NO	X	
RESI-VI7x Raspberry Pi4© based LINUX controller with improved horizontal 7" touchscreen and serial interfaces KNX or RS232, control cabinet mounting versions																						
RESI-VI7H-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		YES	X	
RESI-VI7HK-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	YES	X	
RESI-NVI7H-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	A	X		1	2	2	1		NO	X	
RESI-NVI7HK-CC-2GB	CHI1	X	PI4 B	X	2	32	2	1	X		X	K	X		1	2	2		1	NO	X	
RESI-SVI7H-CC-2GB	CHI2	X	PI4 B	X	2	32	2	1	X		X	A		X	1	2	2	1		NO	X	
RESI-SVI7HK-CC-2GB	CHI2	X	PI4 B	X	2	32	2	1	X		X	K		X	1	2	2		1	NO	X	
RESI-VI7x Accessories																						
RESI-VI7X-WB1	Wallbox for in-wall mounting of our 7" touch panels. Wall outlet size: WxHxD: 115x195x50mm																					
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RESI-V7x,V17x Raspberry Pi4© based LINUX controller with 7" touchscreen in various designs		
	If you add nothing to the order number NO RESI standard design, design and logo is individually agreed with customers	
-RB	Please add -RB to the order number RESI standard design, white letters on black background, RESI logo	
A	Serial interfaces is directly connected to Raspberry Pi Sensors are connected directly to Raspberry Pi, readable via I2C interface	
K	KNX interface is directly connected to Raspberry Pi and can be used as normal UART e.g. with KNXD Sensors are connected directly to Raspberry Pi, readable via I2C interface	
V1	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 130x280x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
V2	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 130x213x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
H1	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 213x160x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
H2	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 213x130x10mm use our special wallbox RESI-V7X-WB1 for easy mounting	
CV1	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 130x280x10mm use our special drill & milling template RESI-xV7Vy-DT1 for easy mounting	
CV2	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 130x213x10mm use our special drill & milling template RESI-xSV7Vy-DT1 for easy mounting	
CH1	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 213x160x10mm use our special drill & milling template RESI-xV7Hy-DT1 for easy mounting	
CH2	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 213x130x10mm use our special drill & milling template RESI-xSV7Hy-DT1 for easy mounting	
V11	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 140x280x10mm use our special wallbox RESI-V17X-WB1 for easy mounting	
V12	Vertical on wall mounting into special wall outlet. On wall dimensions: WxHxD: 140x209x10mm use our special wallbox RESI-V17X-WB1 for easy mounting	
H11	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 209x170x10mm use our special wallbox RESI-V17X-WB1 for easy mounting	
H12	Horizontal on wall mounting into special wall outlet. On wall dimensions: WxHxD: 209x140x10mm use our special wallbox RESI-V17X-WB1 for easy mounting	
CV11	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 140x280x10mm use our special drill & milling template RESI-xV17Vy-DT1 for easy mounting	
CV12	Vertical mounting onto a switchboard cabinet. Dimensions: WxHxD: 140x209x10mm use our special drill & milling template RESI-xSV17Vy-DT1 for easy mounting	
CH11	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 209x170x10mm use our special drill & milling template RESI-xV17Hy-DT1 for easy mounting	
CH12	Horizontal mounting onto a switchboard cabinet. Dimensions: WxHxD: 209x140x10mm use our special drill & milling template RESI-xSV17Hy-DT1 for easy mounting	
GREEN	This product is normally on stock or within 1-3 weeks available	
ORANGE	This product is almost deliverable, currently we need 1-2 month to manufacture it	
RED	Sorry, but we cannot manufacture and deliver this product within the next 3-4 month due to the component crisis	
	Raspberry Pi is a trademark of the Raspberry Pi Foundation. More information under <a href="http://www.raspberrypi.org">www.raspberrypi.org</a>	
Valid from 01.01.2025, subject to errors and to technical changes as part of product improvement		