

ReAX™ Control Touchscreen Servers



The RXT Series is a stand-alone touchscreen control system built on the ReAX™ operating system. This Linux and Android based OS has been engineered from the ground up to provide a robust and flexible control system platform, based on Aurora's years of experience in the control industry. As with all Aurora control systems, the RXT is a web-based control system. Custom programming and GUIs can be created with our free ReAX™ Core Studio AI software. With the RXT Series built-in web server, it allows virtually any device with a web browser to display the GUI and control the system. Examples include PC browsers, dedicated touch panels like the Aurora RXT series tablets, smart phones and more.

The flexible architecture allows the RXT to be used as a full standalone controller, an expansion controller, or a hybrid of the two. This allows for a distributed control network – place control ports right where they are needed in your system rather than long cable runs from a central location. RXT wall mount versions have a full complement of LAN, RS-232, relay, I/O, and IR ports for controlling external devices. In addition to network control and access to the GUI and configuration web pages, the LAN port is also capable of power over Ethernet (PoE), eliminating the need for an additional power supply.



Features

	RXT-4WM	RXT-8WM	RXT-10WM	RXT-8D	RXT-10D	RXT-10-VS	RXT-15-VS	RXT-21-VS
Diagonal Dim	4" (102mm)	8" (203mm)	10.1" (257mm)	8" (203mm)	10" (254mm)	10.1" (257mm)	15.6" (396mm)	21.5" (546mm)
Resolution	480x480	1280x800	1280x800	1280x800	1280x800	1280x800	1920x1080	1920x1080
Processor	Dual Core w/ Linux™			Six Core Cortex 1.8GHz w/ Linux		Six Core Cortex 1.8GHz w/ Linux		
RAM	1GB DDR3			2GB		4GB DDR3		
Storage/Flash	8GB			16G		32GB eMMC Flash		
SD Slot	-	-	-	✓	✓	✓	✓	✓
Engine	ReAX Core on Android 10			ReAX Core on Android 10		ReAX Core on Android 10		
Audio Decode	MP3/WMA/AAC			MP3/WMA/AAC		MP3/WMA/AAC		
Microphone	Stereo Digital			-	-			
Speaker	1 Watt					2 Watt (2)	3 Watt (2)	3 Watt (2)
Audio Out	3.5mm TRS			✓	✓	✓	✓	✓
Dante Audio	✓	✓	✓	-	-	-	-	-
Video Decode	1080p MPEG-1/2/4, H.263, H.264, H.265			4K MPEG-1/2/4, H.263, H.264, H.265		H.265, VP8, RV, WMV, AVS, H.263. MPEG4, etc.		
HDMI Out	-	-	-	✓	✓	✓	✓	✓
Camera	-	-	-	5M/P Front Camera		-	-	-
NFC	✓	✓	✓	✓	✓	-	-	-
USB	USB Type-C	USB Type-C	USB Type-C	USB OTG, USB 2.0, USB Serial		USB Type-C, USB 3.0		
Serial	(2) RS-232	(2) RS-232	(2) RS-232	-	-	-	-	-
Digital I/O	(2)	(2)	(2)	-	-	-	-	-
Relay	(2)	(2)	(2)	-	-	-	-	-
Proximity Sense	✓	✓	✓	-	-	-	-	-
Ambient Light Sense	✓	✓	✓					
Ambient LED	RGB	RGB	RGB	-	-	-	-	-
Bluetooth	-	-	-	EDR 4.0LE 1M		EDR 4.0LE 1M		
LAN	(1) 1G			(1) 1G		(1) 1G		
Wi-Fi	-	-	-	802.11b/g/n		2.4GHz, 5GHz		
PoE	15.4W (PoE)			15.4W (PoE)		15.4W (PoE)	15.4W (PoE+)	32W (PoE++)
Power Adapter	-	-	-	12VDC Included		12VDC Optional		
Mounting	Wall	Wall	Wall	Desktop	Desktop	VESA	VESA	VESA

Note: Specifications subject to change without notice.

Important: Refer to User Guide for full specifications.