



eXperience
more power
more flexibility
more control

Control Processor Feature Comparison

2-2018

	RP-4	KX-3	XP-3	XP-6	XP-6s	XP-8s	XP-8v
CPU	Cortex M3	i.MX35	i.MX35	i.MX35	i.MX53	i.MX35	i.MX53
CPU Clock Rate	100 MHz	532 MHz	532 MHz	532 MHz	1 GHz	532 MHz	1 GHz
RAM	128 K	256 MB	64 MB	64 MB	512 MB	128 MB	1 GB
Internal Nonvolatile Flash memory	512 K	128 MB	128 MB	128 MB	512 MB	128 MB	512 MB
SD Flash memory Slot	-	-	-	-	✓	✓ 4 GB SD Card included	✓
Ethernet / PoE / WiFi	✓ - -	✓ ✓ ✓	✓ ✓ -	✓ - -	✓ - -	✓ - -	✓ - -
RF 433MHz Transceiver	included	-	-	via RM-433	via RM-433	via RM-433	via RM-433
Zigbee 2.4GHz Transceiver	-	Included	included	via ZM-24	via ZM-24	via ZM-24	via ZM-24
RTI Com Port	-	-	-	✓	✓	✓	✓
Expansion Port	-	-	via MPIO port	✓	✓	✓	✓
RS-232 2-Way Ports	-	2	1	2	3	8	8
MPIO Ports	-	-	1	6	6	8	8
Routable IR Ports	4	-	3	6	6	8	8
High IR Output Port	-	✓	-	✓	✓	✓	✓
Programmable Relays	2	4	2	3	3	8 (Relay or 12 VDC trigger outputs)	8 (Relay or 12 VDC trigger outputs)
12 VDC Trigger Outputs	-	-	-	3	3	8 (Relay or 12 VDC trigger outputs)	8 (Relay or 12 VDC trigger outputs)
Sensing Inputs	2 (Voltage)	6 (Voltage or Contact Closure)	2 (Voltage)	3 (Voltage)	3 (Voltage)	8 (Voltage or Contact Closure)	8 (Voltage or Contact Closure)
HDMI Output (OSD)	-	-	-	-	-	-	✓
LC Display	-	480 x 800 px	-	-	-	184 x 48 px	184 x 48 px
IP Communications Capability	-	✓	✓	✓	✓	✓	✓
6 Macro Engines Multi-tasking	-	✓	✓	✓	✓	✓	✓
RTiPanel Compatibility	✓	✓	✓	✓	✓	✓	✓
Virtual Panel compatibility	-	✓	✓	✓	✓	✓	✓
Astronomical Clock	-	✓	✓	✓	✓	✓	✓
Rack Mountable	-	In-wall Mount	-	-	✓ Rack ears included	✓ Rack ears included	✓ Rack ears included