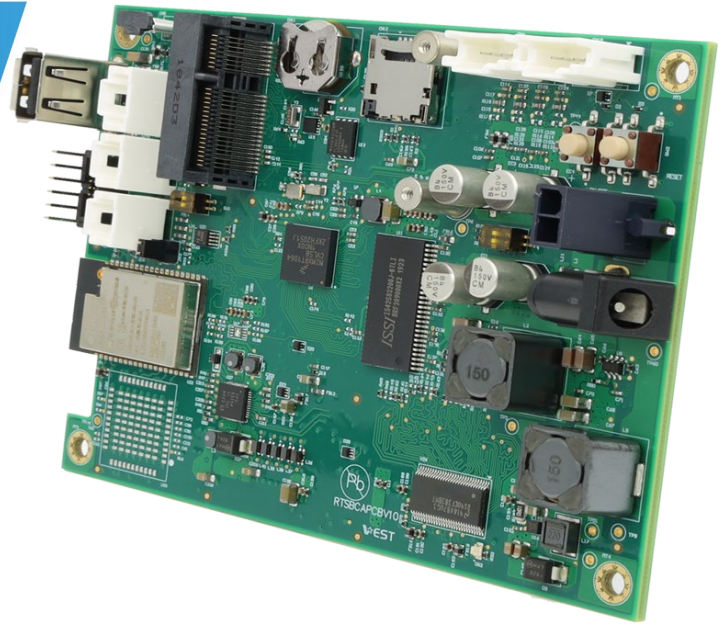


SINGLE BOARD COMPUTER R-SERIES



Email Us For Details!
sales@apc-vest.com

R-Series features the NXP i.MX RT Cortex M7 Cross Over MCU. R-Series SBC targets cost sensitive customers, providing a graphical-touch and gesture-optimized, Human-Machine-Interface (HMI).

R-Series can be expanded to support other applications with the expansion port features, CAN and RS485 buses.



Feature Rich



Easy Integration



Compact

Specifications

MCU	i.MX RT 1064, Cortex-M7 @ 600 MHz 4MB On-Chip Flash, 1MB On-Chip SRAM
Memory	32MB SDRAM and 8MB QSPI Flash
Wifi with BT	Single band 802.11 a/b/g/n BT 4.2
USB	1 USB 2.0 Host, 1 USB 2.0 OTC
Interface	SD Card, RTC, CAN, RS485 Expansion port – USB, I2C, 3X GPIO, UART, PWM
Audio	Support up to 10W speaker
Display	LCD display controller (up to WXGA 1366x768) Support 4.3", 5" and 7" LCD Capacitive touch panel
Security IC	Hardware key encryption & management or 16Kb EEPROM
Software	Free RTOS or Baremetal
Graphical UI	QT for MCU or LVGL (Light Versatile Embedded Graphics library)
Dimensions	125mm x 90mm



sales@apc-vest.com

Advanced Products Corporation Pte Ltd
5006 Ang Mo Kio Avenue 5, #05-01/12
TECHPlace II
Singapore 569873