APAX-5520CE/KW APAX-5620CE/KW

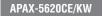
PAC with Marvel XScale® CPU

PAC with Marvel XScale® CPU and CAN



APAX-5520CE/KW





NEW



Specifications

General

Certification CE. FCC class A Dimensions (W x H x D) 30 x 139 x 100 mm ABS+PC Enclosure Weight

210~g 4.5 W @ 24 V_{DC} (typical) Power Consumption

System Hardware

Intel XScale PXA270 520 MHz 32M bytes, SDRAM 64M bytes **Battery Backup Memory** 256 KB file system, 256 KB direct access Real-time Clock **Watchdog Timer** VGA DB15 connector **SB Ports**

1 x Type II CompactFlash card slot

Storage Software

 OS Support Windows CE C/C++ and .NET library **Control Software** KW Multiprog (development tool) KW ProConOS (runtime kernel)

I/O Expansion

Connected I/O Modules **Digital Signals** 768 (max.) **Analog Signals** 192 (max.)

Communication (Ethernet)

LAN Ports 1 x RJ-45 Port. 10/100 Mbps Offers Modbus/TCP Server and Client APIs

Communication (Serial)

Medium 1 x Isolated RS-485 (2-wire, isolated)

Offers Modbus/RTU Master and Slave APIs

-10 ~ 55°C (when mounted vertically) **Operating Temperature** -40 ~ 70°C Storage Temperature

Relative Humidity 5 ~ 95% (non-condensing)

Ordering Information

 APAX-5520CE PAC with Marvel XScale CPU, WinCE APAX-5520KW PAC with Marvel XScale CPU, KW

Accessories

APAX-5002 2-slot Backplane Module

Power Supply for APAX Expansion Module APAX-5343E

Specifications

General

Certification CE, FCC class A Dimensions (W x H x D) Enclosure 60 x 139 x 100 mm ABS+PC Power Consumption Redundancy

3 To g 5 W @ 24 V_{bc} (typical) 25ms data sync, 20ms changeover time and 14kbytes for data sync

System Hardware

CPII Marvel XScale PXA270 520 MHz 32M bytes, SDRAM 64M bytes 256 KB file system, 256 KB direct access Memory Flash Battery Backup Memory Real-time Clock Yes Watchdog Timer VGA USB Ports DB15 connector

Storage Software

OS Support Windows CE Control Software C/C++ and .NET library KW Multiprog (development tool), KW ProConOS (runtime kernel)

1 x Type II CompactFlash card slot

I/O Expansion

Connected I/O Modules 32 (max.)* Digital Signals Analog Signals

Communication (Ethernet)

LAN 2 x RJ-45 Port, 10/100 Mbps Offers Modbus/TCP Server and Client APIs Modbus/TCP under KW Client: 128 connections

Communication (Serial)

Medium 2 x Isolated RS-485 (2-wire, isolated, max. distance 4,000 ft)
Offers Modbus/RTU Master and Slave APIs

Communication (CAN)

2 x Isolated CAN Protocol CANopen (DS301/302) 1 Mbit/s Speed maximum

Environment

Operating Temperature $-10 \sim 55$ °C (when mounted vertically) $-40 \sim 70$ °C Storage Temperature Relative Humidity 5 ~ 95% (non-condensing)

Ordering Information

APAX-5620CE PAC with Marvel XScale CPU, CAN, WinCE PAC with Marvel XScale CPU, CAN, KW

Accessories

APAX-5002 2-slot Backplane Module

APAX-5343E Power Supply for APAX Expansion Module

*APAX DI/O modules can use ID number 0 ~ 31, while AI/O modules and counter modules can only use ID numbers 0 ~ 15