B&R X20

Product Data Sheet

X20CP1586

1.6 GHz X20 controller

SYSTEM FAMILY	PROCESSOR	CLOCK FREQUENCY	RAM
B&R X20	**Intel Atom E680T**	**1.6 GHz**	**512 MB DDR2 SDRAM**

B&R X20CP1586 is an X20 controller with a 1.6 GHz Intel Atom processor, 512 MB DDR2 SDRAM and an integrated I/O processor. Standard interfaces include RS232, Ethernet, POWERLINK, two USB ports and X2X Link.

01 VERIFIED TECHNICAL DATA

System family	B&R X20
Processor	Intel Atom E680T
Clock frequency	1.6 GHz
RAM	512 MB DDR2 SDRAM
User SRAM	1 MB
Interfaces	RS232, Ethernet, POWERLINK, 2 USB, X2X
Application memory	CompactFlash
Power consumption	9.7 W without interface module and USB
Input voltage	24 V DC -15% / +20%
Maximum input current	1.5 A

Technical values apply to the complete product identity shown above.

02 ADDITIONAL PRODUCT DATA

Cooling	Fanless
Protection degree	IP20
Operating temperature	-25 to 60 °C horizontal

03 PRODUCT DESCRIPTION

The CompactFlash application memory, interface-module slot, network addresses, Automation Studio project and X2X configuration must match the installed controller. Back up the project and retain the battery-backed data before replacement, then verify all networks and I/O diagnostics.

04 APPLICATION FIELDS

Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations.

Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration.

Rail, Airport and Public Transport Infrastructure: Rail and metro infrastructure services; Airport and public transport operations.

05 SOURCE BASIS

B&R X20CP1586 product data

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**