

6AV7230-0CA20-0BA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av7230-0ca20-0ba0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Processor	Celeron N3160 (4 cores, 4 threads)
RAM	4 GB
Storage	1 TB HDD
Connectivity	1x DisplayPort, 1x VGA port, 2x 10/100/1000 Mbps Ethernet RJ45, 2x USB 3.0, 2x USB 2.0, 4x serial ports (COM), 1x mPCIe slot, 1x mSATA slot
Power Supply	24 V DC
Front Panel Rating	IP65
Rear Panel Rating	IP40
Operating Temperature	0 to +40 °C
Storage Temperature	-20 to 60 °C
Dimensions	320 mm x 225.6 mm x 95.2 mm
Weight	3.6 kg

Description

The Siemens 6AV7230-0CA20-0BA0 is a 12-inch touch panel PC from the SIMATIC IPC377E series, designed for industrial automation applications. It features a Celeron N3160 processor (4 cores, 4 threads), 4 GB RAM, and a 1 TB HDD, providing robust performance for demanding tasks. The device offers versatile connectivity options, including one DisplayPort, one VGA port, two 10/100/1000 Mbps Ethernet RJ45 ports, two USB 3.0 ports, two USB 2.0 ports, and four serial ports (COM). Additionally, it includes one mPCIe slot and one mSATA slot for expansion. Operating without a pre-installed operating system, it operates on a 24 V DC power supply. The device is built to withstand industrial environments, with an IP65-rated front panel and an IP40-rated rear panel, ensuring protection against dust and water ingress. It operates within an ambient temperature range of 0 to +40 °C and can be stored or transported between -20 °C and 60 °C. The device's dimensions are 320 mm in width, 225.6 mm in height, and 95.2 mm in depth, with a weight of approximately 3.6 kg. This panel PC is ideal for applications requiring reliable and durable computing solutions in industrial settings.