

## A16B-3200-0600

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a16b-3200-0600
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.59 kgs
<b>Product Type</b>	Main Control PCB
<b>Product Family</b>	R-J3iC and R-30iA Series Controllers
<b>Communication Ports</b>	2 Ethernet Ports
<b>Processor</b>	Dedicated Microprocessor
<b>Memory</b>	Embedded Memory for Program Storage
<b>I/O Circuitry</b>	Interfaces with Peripherals and Operator Panel
<b>Backplane Compatibility</b>	2-slot and 4-slot Backplanes
<b>Modular Expandability</b>	Supports Additional Control Cards and Modules
<b>Voltage Requirements</b>	Standard Industrial Voltage Levels
<b>Communication Protocols</b>	Industrial Communication Protocols

## Description

The Fanuc A16B-3200-0600 is a main control printed circuit board (PCB) designed for integration within Fanuc's R-J3iC and R-30iA series controllers. This essential component ensures the seamless operation of Fanuc robotic systems by managing critical functions such as servo mechanism positioning, program storage, and system configurations. Equipped with two Ethernet communication ports, the A16B-3200-0600 facilitates robust networking capabilities, enabling efficient data exchange and system integration in industrial environments. The board houses a dedicated microprocessor responsible for executing control tasks, along with embedded memory that stores robot programs and configurations. Its I/O circuitry interfaces with various peripherals and the operator's panel, ensuring comprehensive system connectivity. Designed for compatibility with both 2-slot and 4-slot backplanes, the A16B-3200-0600 offers flexibility in system configurations. It supports modular expandability, allowing the addition of control cards and modules to meet specific application requirements. The board operates on standard industrial voltage levels and adheres to industrial communication protocols, ensuring reliable performance in demanding automation settings. For maintenance and repair, the A16B-3200-0600 is available through authorized distributors, with options for new, refurbished, or repair services, ensuring continued support for Fanuc robotic systems.