

## A16B-3200-0412

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a16b-3200-0412
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.57 kgs
<b>Product Type</b>	Main CPU Board
<b>Dimensions</b>	2.0 in x 1.0 in x 7.0 in inches
<b>Weight</b>	1.36 kg
<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 70°C
<b>Backplane Compatibility</b>	2-Slot: A05B-2400-C060, 4-Slot: A05B-2400-C061

### Description

The Fanuc A16B-3200-0412 is a Main CPU Board designed for Fanuc's Series 16 CNC controls, integral to the operation of various industrial automation systems. This high-performance Printed Circuit Board (PCB) serves as the central processing unit, managing program execution, input/output operations, and communication within the CNC system. It is compatible with both 2-slot and 4-slot backplane configurations, specifically the A05B-2400-C060 and A05B-2400-C061 models, ensuring seamless integration into existing setups. The board operates using standard Fanuc controller DC voltage and features various proprietary communication ports, facilitating efficient data exchange within the Fanuc ecosystem. With an operating temperature range of 0°C to 50°C and a storage temperature range of -20°C to 70°C, the A16B-3200-0412 is built to withstand typical industrial environments. Its dimensions are 2.0 in x 1.0 in x 7.0 in (5.1 cm x 2.5 cm x 17.8 cm), and it weighs approximately 1.36 kg (3.00 lbs), making it suitable for integration into various control cabinets and systems. This Main CPU Board is essential for maintaining the precision and reliability of Fanuc-controlled equipment, ensuring optimal performance in demanding manufacturing environments.