

ABB ROBOTS

Product Data Sheet

3HAC063061-001

main computer assembly

FUNCTION main computer assembly	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 2.50 kg
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ABB Robots 3HAC063061-001 is a main computer assembly for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temp	0°C to +55°C
Humidity	5-95% RH (non-condensing)
RAM	4GB DDR3
Storage	32GB SSD
Input Voltage	24V DC (±10%)
Power Consumption	50W (typical)
Ethernet	10/100/1000 Mbps
Exact Article Code	3HAC063061-001
Product Family	ABB Robots
Component Type	Main Computer Assembly

Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

- Monitor aeration control with Main Computer process control: For the coordinated operation of the blowers and dissolved-oxygen loops, 3HAC063061-001 performs its assigned control role as a main computer assembly. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Sequence pallet transfer with Main Computer process control: Inside the turntables, lifts and shuttle cars, 3HAC063061-001 performs its assigned control role as a main computer assembly. During blocked-zone recovery, the system uses this function to re-establish the transfer path after the obstruction clears, helping it resume flow without losing tracking data.
- Coordinate clean-in-place transfer with Main Computer: During operation of the CIP supply and return headers, 3HAC063061-001 handles its designated signal or control duty as a main computer assembly. During sanitation transition, the system uses this function to coordinate valve paths and pump availability, helping it complete sanitation without cross-routing product.

Match 3HAC063061-001 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

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