ARP-2610AP

01 / Identify the exact assembly

ARISTA ARP-2610AP is a panel-format industrial computer with an integrated display and rear service connectors. The offered unit carries an ARISTA ARP-2610AP nameplate; its additional AMAT WS80 label identifies the observed application asset.

Display format

Integrated panel display with serviceable rear enclosure

Power check

Use the ARISTA nameplate before connecting DC power

Connection plan

Record each rear port and cable route

Application transfer

Confirm software image and peripheral functions with the installed system

Marking and visible construction

Unit nameplate	ARP-2610AP
Application asset label	AMAT ARP-2610AP WS80 Rev. B

Identity boundary

The ratings and interfaces above are read from the offered photographed ARP-2610AP unit. No exact-model OEM electrical manual was located; internal processor, memory, storage and software specifications remain unverified.

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02 / Trace the installed interfaces

Visible connection legends include VGA, LAN, USB, serial COM ports, PRINTER and KB/MS. An AMAT ARP-2610AP WS80 Rev. B label is a separate installed-asset marking. Record the original cable-to-port map and any local storage or software image before the host is isolated.

Network	LAN socket visible	**Video**	VGA connector visible
USB	USB-A sockets visible	**Serial**	COM-labelled D-sub connectors visible
Legacy peripheral	PRINTER and KB/MS legends visible	**Cooling**	Ventilated rear enclosure
Mounting	Panel-format frame with rear fixing points	**Manufacture marking**	ARISTA nameplate states assembled in USA
Nameplate date	June 2008 on photographed unit	**Electrical approval**	CE/FCC/UL marks visible on photographed nameplate

Connection decisions

How should ARISTA ARP-2610AP power be checked before energizing?

Read the offered nameplate and measure both DC rails at the connector under the site procedure: 12 V at 1 A and 5 V at 3 A are printed on this photographed unit. Confirm polarity and harness assignment from the installed drawing.

What installation data should be retained when changing ARISTA ARP-2610AP?

Preserve the storage/application image, BIOS or boot settings, network address and each COM port setting. Hardware identity alone does not recreate the configured operator station.

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03 / Protect the board and cables

Isolate both DC rails

Disconnect and verify the actual 12 V and 5 V supplies before opening the enclosure or exchanging cables.

Back up the application

Capture the installed storage image, configuration and licensing data under the site procedure.

Label rear cables

Identify every COM, LAN, VGA, USB, printer and keyboard/mouse connection before unplugging.

Protect the panel opening

Support the unit during removal and compare mounting hardware and sealing arrangement with the existing cutout.

Maintain airflow

Keep the ventilated rear unobstructed and within the photographed 50 °C ambient limit.

Test the complete station

Verify boot, display, network, serial traffic and required peripherals under the plant acceptance plan.

Before power returns

A replacement must match the electrical supply and mounting opening, then boot with the correct application image and peripheral configuration. The rear enclosure is ventilated, so preserve cabinet airflow and assess the site-specific ingress protection after installation.

How should the ARISTA ARP-2610AP panel opening be assessed?

Measure the existing cutout and fixing points, compare the offered enclosure depth and verify the panel sealing method. The photographed ventilation openings mean cabinet airflow also needs attention.

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04 / Application boundaries

The panel computer connects to the installed DC supply, operator display function, Ethernet/serial peripherals and site application image.

Operator station replacement

Preserve the original display opening, boot media and application licensing before removing the installed station.

Serial device access

Map each COM-labelled device and serial configuration; connector shape alone does not establish the port settings.

Networked HMI service

Record the LAN cable, address plan and host communication tests required by the installed application.

Legacy peripheral retention

Check the printer and KB/MS interfaces only where the installed system uses them.

Compatibility decisions

Which markings identify the exact ARISTA ARP-2610AP replacement?

The ARISTA nameplate reads ARP-2610AP. The separate AMAT ARP-2610AP WS80 Rev. B label identifies an observed application asset and does not replace the manufacturer model number.

Can an ARISTA ARP-2610AP rear connector be repurposed from its shape alone?

No. Record the port legend and original cable position, then verify electrical pinout and the connected device requirements in the installation documentation.

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05 / Acceptance and handover

Baseline

Record both labels, panel cutout, power-connector legend and all cable destinations.

Cable plan

Measure and verify the separate 12 V and 5 V supply arrangement before energizing.

Mating review

Capture application, storage, boot and network settings under the site procedure.

Functional proof

Check panel mounting, sealing and rear ventilation clearance.

What closes an ARISTA ARP-2610AP exchange?

Prove a controlled boot, readable display, correct application version, LAN and serial communication, required USB/legacy peripherals and the as-left cable map before returning the station to service.

Technical identity: ARISTA ARP-2610AP rear nameplate, AMAT ARP-2610AP WS80 Rev. B asset label and photographed connector legends on the supplied unit.

Technical enquiry

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