ADM-1815BP-MICROBOX-6824A

01 / Product identity and electrical data

ARISTA ADM-1815BP-MICROBOX-6824A is an offered combination of the ADM-1815BP display and a separate MicroBox-6824A embedded computer. The supplied photographs show the MicroBox-6824A nameplate and its external connectors; the display identity is the user-confirmed combination designation.

Display designation	ADM-1815BP per user-confirmed combination
Display panel class	15.0-inch TFT for ADM-1815 series
Display mounting	Panel, VESA or rack options in series manual
Display enclosure condition	NEMA 4/IP65 when correctly installed in rated enclosure; display only
Computer supply rail 1	12 V DC at 2 A on photographed nameplate
Computer ambient	Maximum 50 °C on photographed nameplate
Computer USB/serial	USB-A and COM-labelled ports visible
Display series	ADM-1800AP; exact ADM-1815BP appears in OEM declaration
Display native resolution	1024 × 768 for ADM-1815 series
Display ambient	0 to 50 °C in series manual
Computer nameplate	MicroBox-6824A
Computer supply rail 2	5 V DC at 3 A on photographed nameplate
Computer video/network	VGA and LAN sockets visible
Computer legacy ports	PRINTER and KB/MS legends visible

Source boundary

ADM display values are scoped to the OEM ADM-1800AP series manual; MicroBox values are scoped to its photographed nameplate. Neither source specifies the exact combination wiring, installed application image or bundled accessories.

ADM-1815BP-MICROBOX-6824A

02 / Application and compatibility

Panel display service

Use the ADM-1800AP display mounting and environmental guidance only for the display half of the assembly.

Embedded application host

The MicroBox supplies the installed computing role; preserve its storage image, communication configuration and external device map.

Video and input integration

Verify the display-to-computer VGA and touch/input cable arrangement present in the cabinet before exchange.

Controlled station replacement

Test both components together with the actual controller/network, serial devices and operator application.

Field precautions

Separate the two identities

Do not use the MicroBox nameplate as proof of ADM display suffix options; check each component independently.

Verify both supply rails

Confirm polarity and separate 12 V and 5 V rails against the MicroBox nameplate and installed harness.

Protect display mounting

Apply any front ingress rating only after following the ADM manual and verifying the actual panel seal.

Preserve the image

Back up the computer storage, application and licensed software under the site procedure.

ADM-1815BP-MICROBOX-6824A

03 / Technical decisions and support

How are the two parts of ARISTA ADM-1815BP-MICROBOX-6824A identified?

ADM-1815BP is the confirmed display designation and is named in the Arista display manual. The supplied computer nameplate reads MicroBox-6824A. Match both component labels before treating the pair as a replacement assembly.

What power evidence applies to ARISTA ADM-1815BP-MICROBOX-6824A?

The photographed MicroBox-6824A nameplate specifies 12 V at 2 A and 5 V at 3 A DC. The display has its own supply requirements in the ADM manual; verify both harnesses separately.

Which ADM display data apply to ARISTA ADM-1815BP-MICROBOX-6824A?

The OEM ADM-1800AP manual lists ADM-1815 as a 15-inch TFT with 1024 × 768 resolution and identifies ADM-1815BP in its declaration. Confirm suffix-specific fitted options on the actual display.

Does the ADM-1815BP rating protect the whole ARISTA ADM-1815BP-MICROBOX-6824A assembly?

No. The ADM manual conditions the display enclosure rating on proper installation in a rated enclosure. It does not state an ingress rating for the separate ventilated MicroBox computer.

Technical basis: Arista ADM-1800AP Series User Manual, pp. 5 and 10, for the ADM-1815BP display; supplied ARISTA MicroBox-6824A nameplate and connector photographs for the computer.

Technical enquiry

sales13@apterpower.com | +86 18030235313