HMIBX1A0NDA
Edge Box, Harmony BX1, Ethernet, 2 serial, Linux, 24V DC

Main

Range of Product	Harmony iPC
Product or Component Type	Edge box
Device short name	edge box
Processor name	ARM Cortex-A53 quad core 1.6 GHz NXP i.MX8M Plus
Operating system	Linux Debian 11
Software package	EAE V 23.0 default

Complementary

Mounting Location	On DIN rail
Data storage equipment	32 GB eMMC (soldered)
Memory description	4 GB RAM LPDDR4 internal not expandable)
Free slots	1 microSD SD 3.0, max raw transfer rate 104 MBps Supports SD,SDHC,SDXC
Number of slots	2 slot(s) for Mini PCIe Connector (USB signal)
Number of slots available for expansion	2 Mini PCIe Connector (USB signal)
Display resolution	1920 x 1080 pixels at 60 Hz
Type of cooling	Fanless
Electrical connection	Screw connector, connector type: pin, 1 way, circuit application: ground - location: bottom
Integrated connection type	HDMI for display connection 1 front Ethernet 2 RJ45 SMSC LAN7500 front USB 3.0 type A 2 front TPM connector Ver 2.0 TPM module by default motherboard
Cyber secured boot	Secure password boot
[Us] rated supply voltage	24 V DC power supply
Supply voltage limits	9…36 V
Inrush current	6 A
Power consumption in W	24 W
Control type	Resettable
Main type	Essential
Depth	1.89 in (48 mm)
Height	5.54 in (140.76 mm)
Width	3.87 in (98.2 mm)
Net Weight	33.51 oz (950 g)

Environment

Standards	EN 55011 IEC 61000-6-1 IEC 61131-2 FCC part 15 UL 61010-2-201 CSA C22.2 No 61010-2-201
Product certifications	CE[RETURN]UKCA[RETURN]RCM[RETURN]CULus
Quality labels	CE
Ambient air temperature for storage	-40…176 °F (-40…80 °C)
Relative Humidity	10…95 % non condensing
Ambient air temperature for operation	14…131 °F (-10…55 °C)

Ordering and shipping details

GTIN	3606486926840

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.57 in (11.6 cm)
Package 1 Width	7.17 in (18.2 cm)
Package 1 Length	10.47 in (26.6 cm)
Package 1 Weight	42.33 oz (1200 g)
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	196.47 oz (5570 g)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.