

Product data sheet

Specifications



Box PC Performance - FlashDisk 5 years of warranty-DC-5 slots-500 I/O-fan

HMIBPFDD57F1

! Discontinued

! Discontinued on: Jun 30, 2016

! End-of-service on: Dec 31, 2020

Main

Range Of Product	Harmony iPC
Product Or Component Type	Operator dialogue terminal
Device Short Name	BOX PC Performance
Range Compatibility	Harmony iDisplay
Compatibility Code	BOX PC Performance
Processor Name	Core 2 Duo P8400 2.26 GHz cache 3 MB
Chipset Type	Intel GM45 1066 MHz
Video Controller Type	Mobile Intel Graphics Media Accelerator (GMA) 4500MHD, 224 Mb
Operating System	Windows 10 IoT Enterprise 64 bit switched from Windows 8.1 in Q1 2018)multi-language
Software Package	Vijeo Designer run time demo Vijeo Citect client/server, 500 I/O

Complementary

Data Storage Equipment	60 GB Flash disk SSD MLC 2000000 h
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
Memory Description	4 GB RAM DDR3 internal not expandable) SDRAM saved memory
Number Of Slots	2 slot(s) for PCI 3 slot(s) for PCI express 1x
Drive Type	DVD-RW
Type Of Cooling	Fan
Integrated Connection Type	Ethernet TCP/IP 2 RJ45 DVI-I video port DVI-I COM1 serial link male SUB-D 9 RS232C 115 kbauds COM2 serial link male SUB-D 9 RS232C 115 kbauds DVI-I video port (optional) DVI-I COM3 serial link (optional) male SUB-D 10 RS232/422/485 115 kbauds USB 2.0 port USB type A 480 Mbit/s front panel USB 2.0 port 4 USB type A 480 Mbit/s top panel
[Us] Rated Supply Voltage	24 V DC power supply
Supply Voltage Limits	18...30 V
Line Rated Current	6 A
Inrush Current	7 A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Control Type	ON/OFF push-button equipment ON and OFF) Push-button reset)
Main Type	Performance
Height	10.63 in (270 mm)
Width	10.24 in (260 mm)
Net Weight	8.60 lb(US) (3.9 kg)

Environment

Standards	CSA C22.2 No 142 ANSI/ISA 12-12-01 UL 1604 UL 508 Class I division 2 CSA C22.2 No 213
Product Certifications	CE CULus ATEX zone 22 dust C-tick GOST
Pollution Degree	2 EN 61131-2 Ed.3
Electromagnetic Compatibility	Immunity to high frequency interference conforming to EN 61131-2 Ed.3
Ambient Air Temperature For Storage	-4...140 °F (-20...60 °C) IEC 60068-2-2 test Ab -4...140 °F (-20...60 °C) IEC 60068-2-2 test Bb -4...140 °F (-20...60 °C) IEC 60068-2-14 test Na
Relative Humidity	10...85 % IEC 60068-2-30 test Db
Ambient Air Temperature For Operation	32...122 °F (0...50 °C) vertical installation) EN 61131-2 Ed.3 32...113 °F (0...45 °C) vertical installation when using RAID option) EN 61131-2 Ed.3 41...113 °F (5...45 °C) vertical installation when using DVD writer) EN 61131-2 Ed.3
Operating Altitude	6561.68 ft (2000 m) EN 61131-2 Ed.3
Vibration Resistance	1.75 mm 2...9 Hz) continuous IEC 60068-2-6 3.5 mm 2...9 Hz) intermittently IEC 60068-2-6 0.5 gn 9...200 Hz) continuous IEC 60068-2-6 1 gn 9...200 Hz) intermittently IEC 60068-2-6

Ordering and shipping details

Category	22575-MAGELIS MC3
Discount Schedule	MC3
Gtin	00785901520634
Returnability	No
Country Of Origin	FR

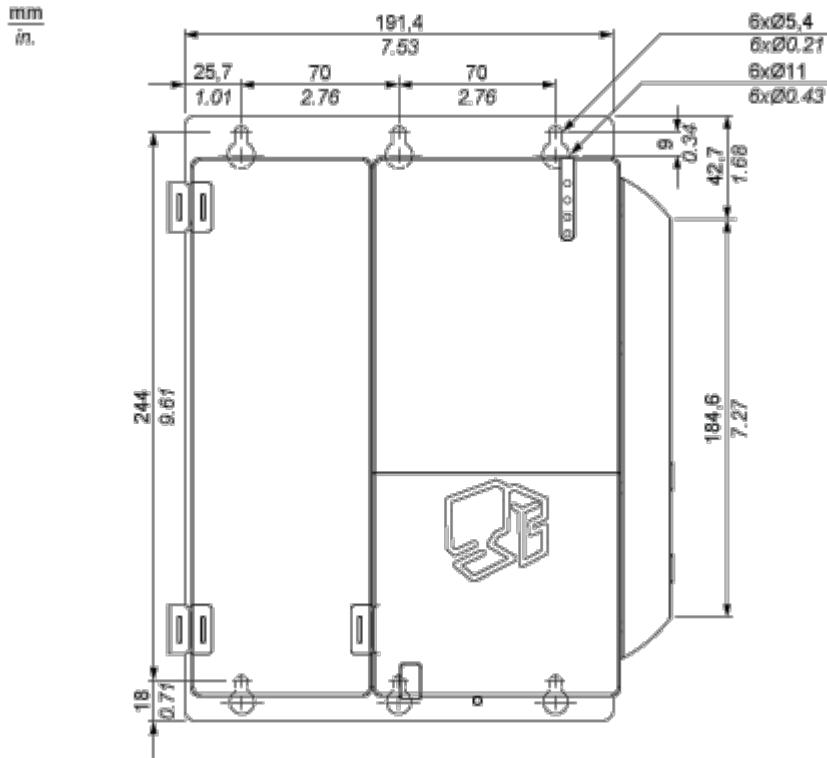
Contractual warranty

Warranty	18 months
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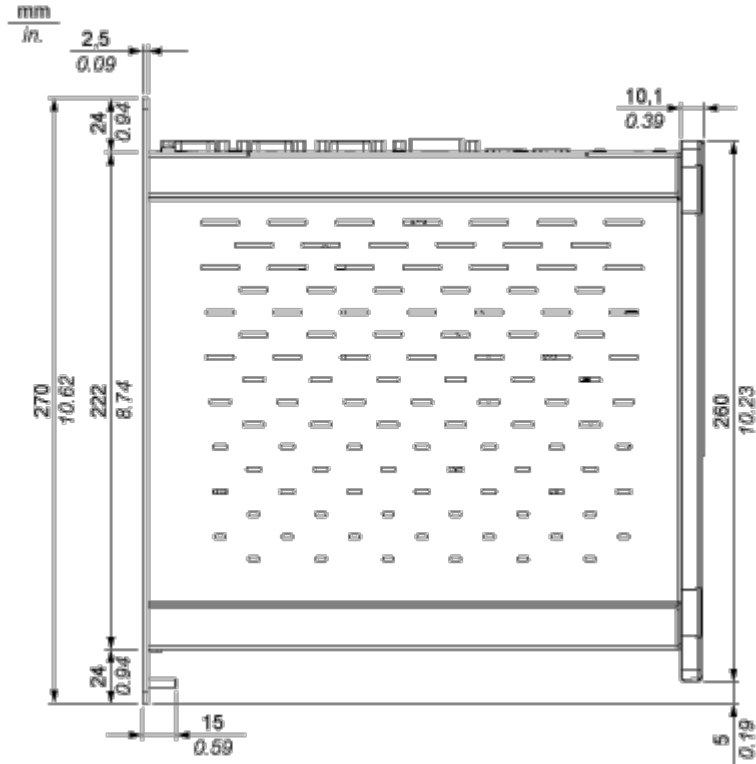
Dimensions Drawings

Dimensions

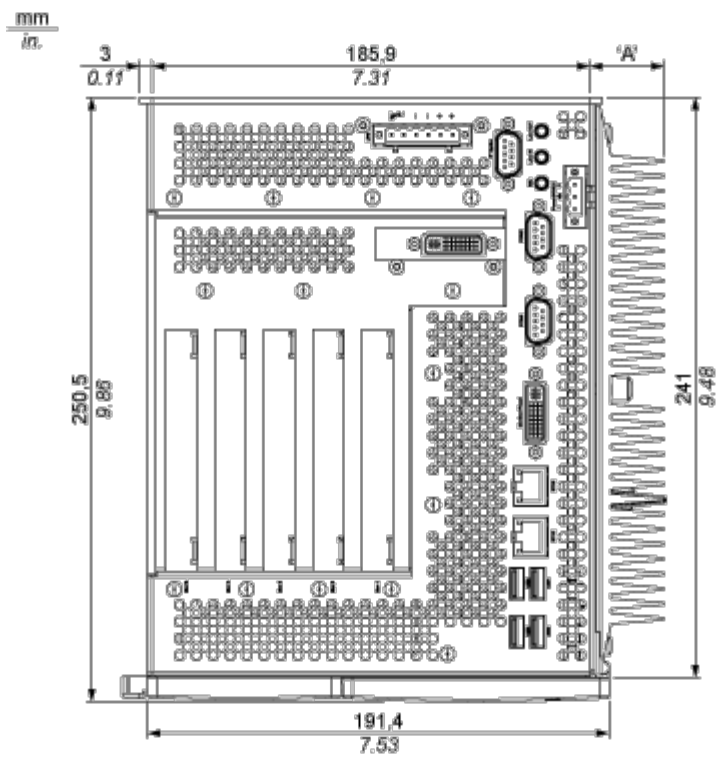
Front view



Side view



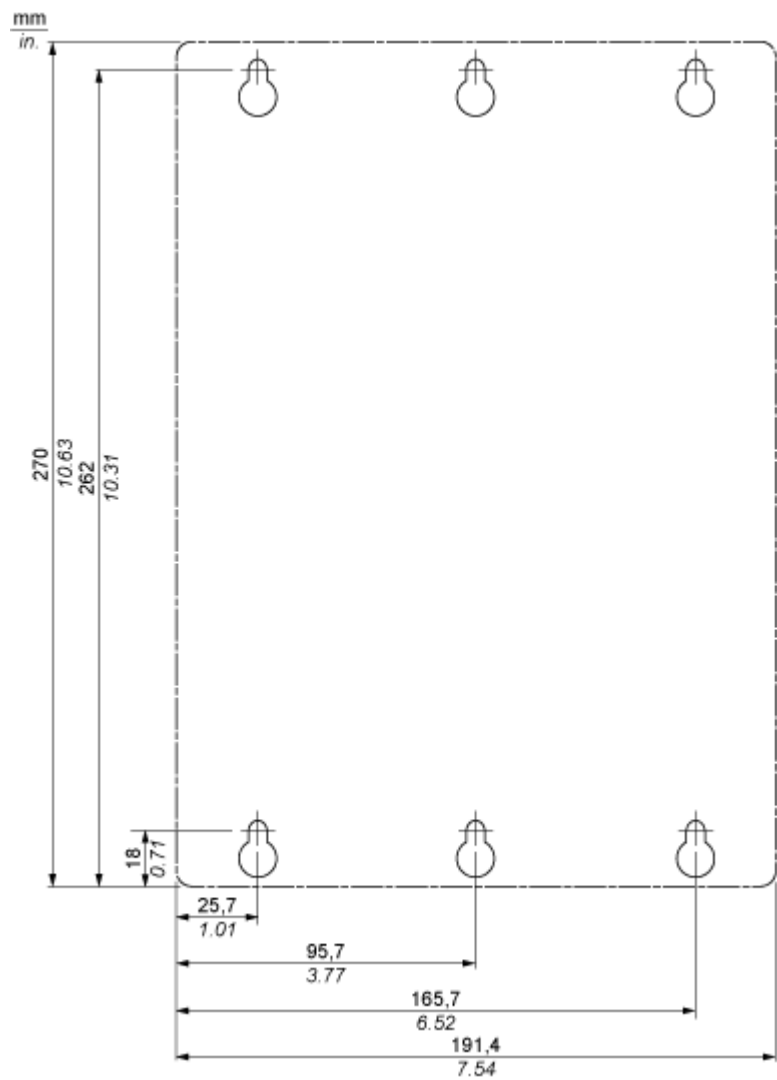
Top view



Mounting and Clearance

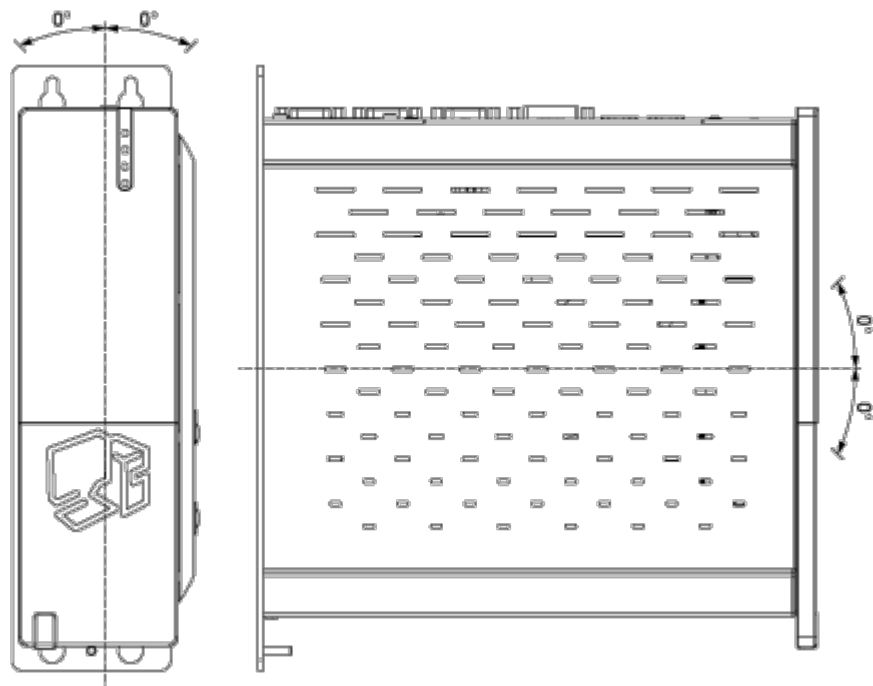
Mounting

Plate Designed for M5 Screws



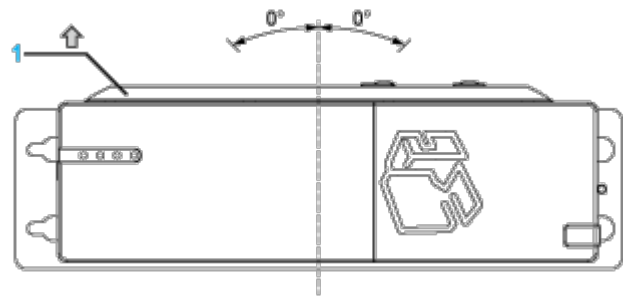
Mounting angle

Standard mounting - vertical



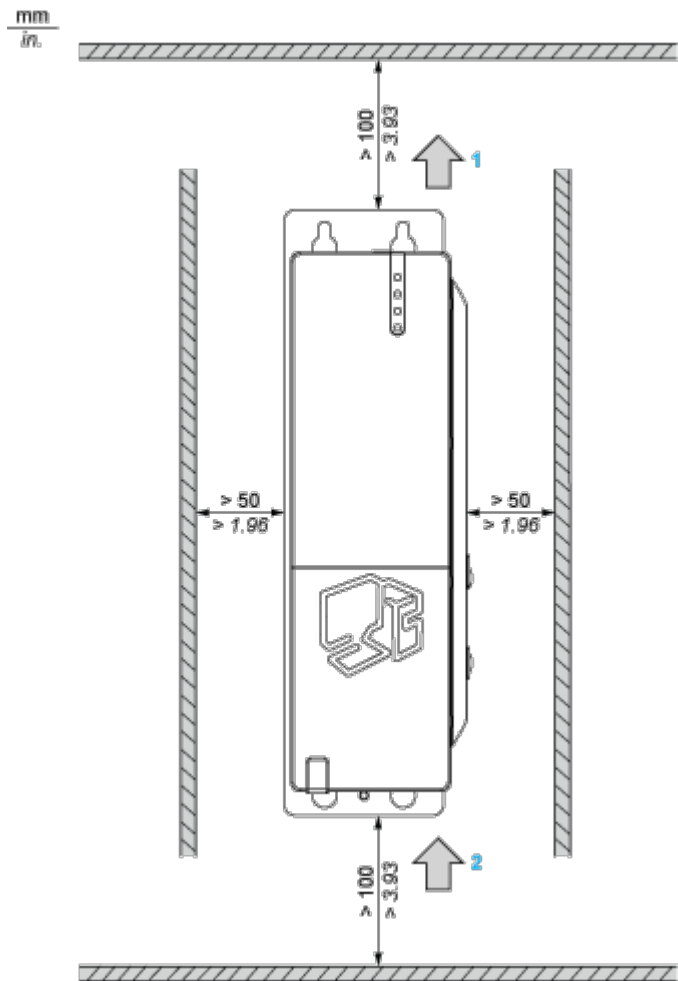
Optional mounting - flat

The maximum ambient temperature specification must be lowered by 5 °C (41 °F).
For fanless models, a fan kit needs to be ordered separately.



1 Heat sink

Spacing Requirements for Air Circulation



- 1 Air out
- 2 Air in