

UPort 400A 系列

4 埠和 7 埠工業級 USB 3.2 集線器



特色與優點

- USB-IF 認證
- USB 3.2 SuperSpeed 功能
- 門鎖式 USB 纜線設計，連接更牢固
- 全面診斷 LED
- 雙電源輸入（電源插座和接線端子模組）
- DIN 軌道外殼和壁掛式外殼
- 堅固的金屬外殼

認證



簡介

UPort® 400A 系列工業級 USB 3.2 集線器可以將 USB 連接埠擴展為 4 個或 7 個 USB 連接埠。這些集線器能夠透過各個連接埠提供真正的 USB 3.2 Gen 1 SuperSpeed 5 Gbps 數據傳輸速率，即使對於重負載應用也是如此。UPort® 400A 已獲得 USB-IF SuperSpeed 認證，這表示本產品是值得信賴的高品質 USB 3.2 集線器。此外，這些集線器完全符合 USB 即插即用規格，並為各個連接埠提供 900 mA 的全功率，確保您的 USB 裝置正常運作。UPort® 400A 集線器支援 12 至 48 VDC 電源範圍，因此相當適合行動應用。外部供電的 USB 集線器是保證與 USB 裝置最廣泛相容的唯一方法。

USB-IF 認證

UPort® 404A USB 2.0 工業級 USB 集線器已獲得 USB-IF (USB 實施者論壇) 認證。USB-IF 針對根據 USB 3.2/2.0 規格設計的 USB 集線器進行的 SuperSpeed USB 運作驗證許多嚴格的電氣要求。這表示 UPort® 400A 支援 SuperSpeed USB 3.2 Gen 1 進行高達 5 Gbps 的 USB 傳輸、完全符合互通性要求、提供裝置能夠運作的足夠功率，並且有助於從暫停狀態順利恢復 SuperSpeed 運作。

ESD 4 級保護

靜電放電 (ESD) 可能嚴重到超過 ESD 的 1,000 伏特，而且高上升時間 (dv/dt) 會突破保護裝置的結層。為了避免嚴重損壞，Moxa 的 UPort® 400A 系列 USB 集線器提供 ESD 4 級 (接觸 8 kV，無線 15 kV) 保護，因此提高使用者終端產品的品質和價值。

確保連接器更牢固的 USB 纜線

UPort® 400A 隨附 USB 纜線，這條纜線提供門鎖和螺絲鎖，可在 UPort 和您的電腦之間進行更安全的連接。

規格

USB Interface

USB Standards	USB 3.2 Gen 1 USB 1.1/2.0 compliant
Speed	5 Gbps
USB Connector	UFP: type B DFP: type A
No. of USB Ports	8 (UFP: 1, DFP 7) for UPort 407A models 5 (UFP: 1, DFP 4) for UPort 404A models

Power Parameters

Input Voltage	12 to 48 VDC No. of power inputs: 2
Power Connector	Power jack 3-pin terminal block
Reverse Polarity Protection	Supported
Input Current	UPort 407A Models: 4.75A @ 12 VDC UPort 404A Models: 2.8A @ 12 VDC
Output Power Rating	Port 1: 900 mA / 1500 mA @ 5 VDC, BC 1.2 compliant Rest of ports: 900 mA @ 5 VDC

Physical Characteristics

Housing	Metal
Dimensions	UPort 407A models: 80 x 27 x 140 mm (3.15 x 1.06 x 5.51 in) UPort 404A models: 85 x 27 x 100 mm (3.35 x 1.06 x 3.94 in)
Weight	UPort 407A models: 350 g (0.77 lb) UPort 404A models: 264 g (0.58 lb)
Installation	Wall mounting (with optional kit) DIN-rail mounting (with optional kit)

Environmental Limits

Operating Temperature	Standard Models: 0 to 60°C (32 to 140°F) Wide Temp. Models: -40 to 85°C (-40 to 185°F)
Storage Temperature (package included)	Standard Models: -20 to 75°C (-4 to 167°F) Wide Temp. Models: -40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

EMC	EN 55032/35
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV IEC 61000-4-5 Surge: Power: 2 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m IEC 61000-4-8 PFMF
Safety	EN 62368-1 UL 62368-1 KC
Environmental Testing	IEC 60068-2-1
Freefall	IEC 60068-2-34

Declaration

Green Product	RoHS, CRoHS, WEEE
---------------	-------------------

MTBF

Standards	Telcordia (Bellcore), GB
Time	UPort 407A Models: 1,467,922 hours (minimum) UPort 404A Models: 2,107,973 hours (minimum)

Package Contents

Device	1 x UPort 400A Series USB hub
Cable	1 x USB 3.2 Gen 1 type A male to USB type B male cable with latch and screw lock, 1.2 M
Power Supply	1 x power adapter, suitable for your region (for standard temperature models only)
Installation Kit	1 x terminal block, 3-pin, 3.5 [TBD] mm 4 x rubber stand 1 x wall-mounting kit 6 x Nylok screw

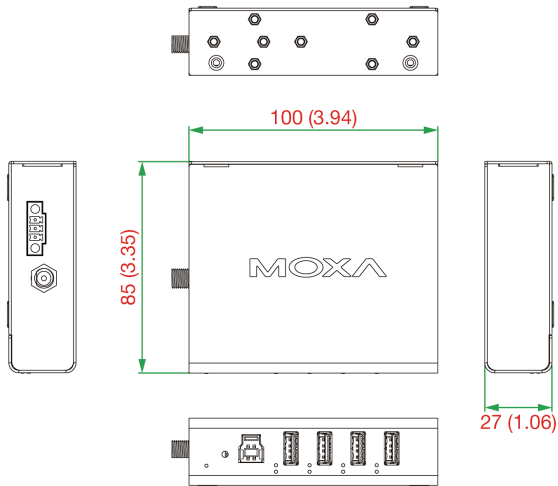
Warranty

Warranty Period	5 years
Details	See www.moxa.com/tw/warranty

尺寸

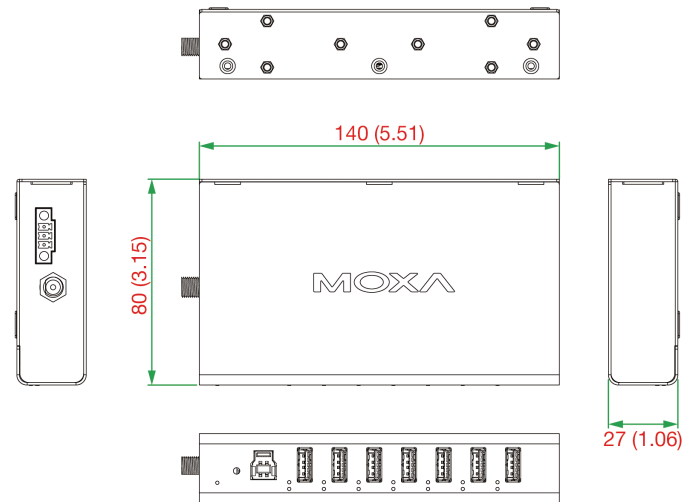
UPort 404A

單位：公釐（英吋）



UPort 407A

單位：公釐（英吋）



訂購資訊

Model Name	USB Interface	No. of USB Ports	Housing	Operating Temp.	Power Adapter Included
UPort 407A	USB 3.2 Gen 1	7 downstream	Metal	0 to 60°C	Y
UPort 407A-T	USB 3.2 Gen 1	7 downstream	Metal	-40 to 85°C	N
UPort 404A	USB 3.2 Gen 1	4 downstream	Metal	0 to 60°C	Y
UPort 404A-T	USB 3.2 Gen 1	4 downstream	Metal	-40 to 85°C	N

配件（選購）

Power Adapters

PWR-12300-WPEU-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, EU plug, 0 to 40°C operating temperature Applicable Models: UPort 404A
PWR-12300-WPCN-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, CN plug, 0 to 40°C operating temperature Applicable Models: UPort 404A
PWR-12300-WPUSJP-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, US/JP plug, 0 to 40°C operating temperature

	Applicable Models: UPort 404A
PWR-12300-WPUK-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, UK plug, 0 to 40°C operating temperature Applicable Models: UPort 404A
PWR-12300-WPAU-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, AU plug, 0 to 40°C operating temperature Applicable Models: UPort 404A
PWR-12300-WPKR-S2	Locking barrel plug with 12 VDC, 3 A, 100 to 240 VAC, KR plug, 0 to 40°C operating temperature
PWR-Plug-EU-02	EU plug for PWR-12150-WPEU and PWR-12300-WPEU Applicable Models: UPort 404A
PWR-Plug-CN-02	CN plug for PWR-12150-WPCN and PWR-12300-WPCN Applicable Models: UPort 404A
PWR-Plug-USJP-02	US/JP plug for PWR-12150-WPUSJP and PWR-12300-WPUSJP Applicable Models: UPort 404A
PWR-Plug-UK-02	UK plug for PWR-12150-WPUK and PWR-12300-WPUK Applicable Models: UPort 404A
PWR-Plug-AU-03	AU plug for PWR-12300-WPAU Applicable Models: UPort 404A
PWR-Plug-KR-02	KR plug for the PWR-12150-WPKR and the PWR-12300-WPKR Applicable Models: UPort 404A
PWR-12500-DT-S1	PWR-12500-DT-S1 Applicable Models: UPort 407A

Power Cords

PWC-C13EU-3B-183	Power cord with EU/KR plug, 1.83 m Applicable Models: UPort 407A
PWC-C13CN-3B-183	Power cord with three-prong CN plug, 1.83 m Applicable Models: UPort 407A
PWC-C13US-3B-183	Power cord with US plug, 1.83 m Applicable Models: UPort 407A
PWC-C13JP-3B-183	Power cord with JP plug plug, 7A/125V, 1.83 m Applicable Models: UPort 407A
PWC-C13UK-3B-183	Power cord with UK plug, 1.83 m Applicable Models: UPort 407A
PWC-C13AU-3B-183	Power cord with AU plug, 1.83 m Applicable Models: UPort 407A

DIN-Rail Mounting Kits

DK-UP-42A	DIN-rail mounting kit for the UPort 400A/200A Series, 107 x 29 mm (4.21 x 1.14 in), with 4 M3 x 5 mm screws
-----------	---

Wall-Mounting Kits

WK-UP400A-BAK-BK	Rear-panel wall-mounting kit for the UPort 400A, 60 x 27 x 2 mm (2.36 x 1.06 x 0.08 in), with 2 plates and 6 M3 x 5 mm screws
WK-UP400A-BOT-BK	Bottom-panel wall-mounting kit for the UPort 400A Series, 43 x 30 x 2 mm (1.69 x 1.18 x 0.08 in), with 2 plates and 6 M3 x 5 mm screws

© Moxa Inc. 版權所有.2022 年 12 月 26 日更新。

未經 Moxa Inc. 明確書面許可，不得以任何方式複製或使用本文件及其任何部分。產品規格如有變更，恕不另行通知。請至本公司官網了解最新的產品資訊。