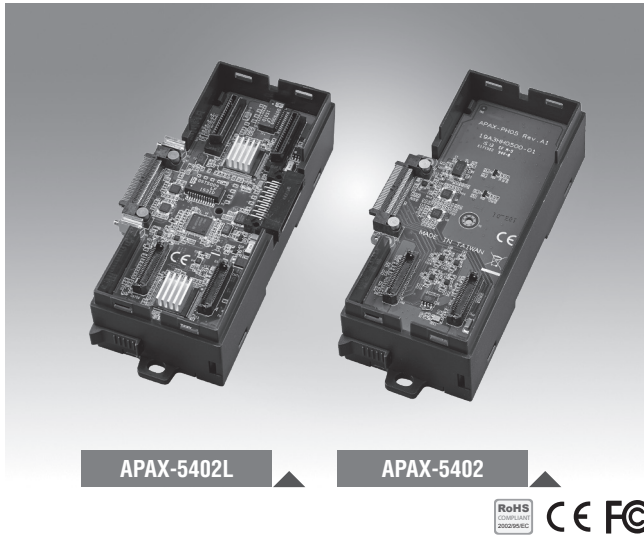


APAX-5402 / APAX-5402L

2-slot Expansion Backplane for APAX-5580



Features

- More flexibility to customer's application by providing 2x full function combo slots or pure 2x High Speed Connector for IPC applications
- APAX-5402L Bypass 24V_{DC} to the right side APAX connector for APAX-5002 expansion
- High Speed Connector support PCIe / SATA/ USB signal for APAX-5430/ APAX-5435/APAX-5490 expansion
- APAX-5402L is with more features but lower cost by using EtherIO driver technology to replace the DSP function in the traditional backplane

Introduction

APAX-5402L is the backplane module for APAX-5580, supports 2 x Combo slots (High Speed Connector + APAX IO Connector) and right hand side connector for APAX-5002 expansion. It provides more flexibility for user's application with APAX-5430 / APAX-5435/APAX-5490 as well as all APAX IO modules. However, if APAX IO modules are not needed, APAX-5402-E2A0AE is a cost effective option to extend 2x High Speed Connector for APAX-5490/APAX-5430/APAX-5435 expansion.

Specifications

General

- Certification** CE, FCC class A
- Dimensions (W x H x D)** 54 x 151 x 38 mm
- Enclosure** ABS+PC
- Weight** 120 g
- Mounting** DIN-rail, Wall mount (panel mount)
- Power Consumption** APAX-5402L-E2A2AE: 4.3 W @ 5 V_{DC}
APAX-5402-E2A0AE: 2.5 W @ 5 V_{DC}
- Power Input** 5V_{DC} from APAX-5580
(24V_{DC} bypass to the right side APAX connector)
- Slot Number** APAX-5402L-E2A2AE: 2x combo slots
(Include 2x High Speed Connector + 2x APAX Connector)
APAX-5402-E2A0AE: 2x High Speed Connector

Connectors

- High Speed Connector** PCIe, SATA, USB Signal for APAX-5430/5435/5490 Expansion (lower side)
(Note : Only left-hand side connector is with USB signal)
- APAX IO Connector** APAX IO bus signal (upper side)
- APAX Expansion Connector** APAX IO bus signal with 24V_{DC} for APAX-5002 expansion (right side)

Environment

- Operating Temperature** -10 ~ 60°C (-4 ~ 140°F) @ 5 ~ 85% RH with 0.7m/s airflow
- Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- Relative Humidity** 10 ~ 95% RH @ 40°C, non-condensing

*Note: APAX-5402L leverage EtherIO technology. EtherIO driver is needed to enable the functionality.

Ordering Information

- APAX-5402-E2A0AE** 2 expansion slots to support APAX-5490, APAX-5435, APAX-5430
- APAX-5402L-E2A2AE** 2 expansion slots with APAX bus (EtherIO)

Model	APAX-5402-E2A0AE	APAX-5402-E2A1AE	APAX-5402L-E2A2AE
Status	Available	Phased Out	Available
PCIe Connector	2	2	2
APAX Connector	0	1	2
Extend Connector	No	Yes	Yes
S/W Driver	N/A	APAX IO Driver	EtherIO Driver