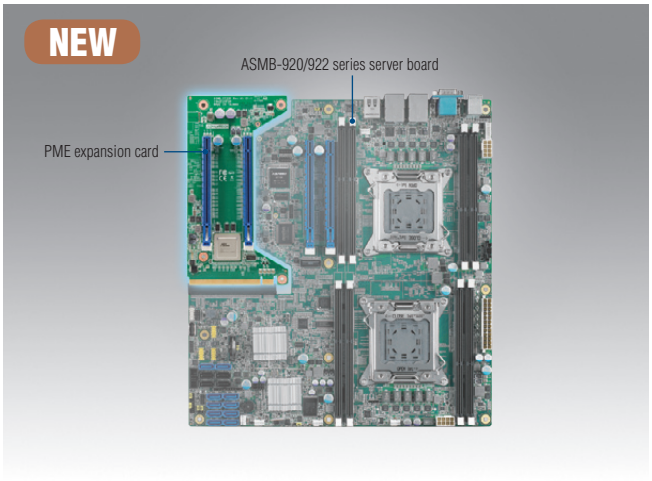
PME Expansion Cards

Various Selections Supporting PCI, PCI-X, PCIe x1/x4/x8/x16



Features

- Auto-configued by BIOS
- ASMB-920/922 series plus PME forms a standard EATX motherboard compatible with EATX chassis
- Multiple options for all demands

Note:
1. To enable PME function, it must to install processor both into CPU0 & CPU1 socket of ASMB-920/920IR.
2. To enable PME function, it need to install a processor into CPU0 socket of ASMB-922/922I.

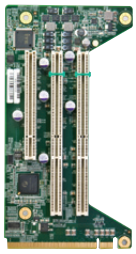
Introduction

Advantech's PME (Powerful Modular Expansion) design allows versatile expansion module options to the ASMB-920/922 series motherboard. PME expansion cards are an economical, effective solution for a range of applications, providing function expansion for a range of PCIe modules. In addition to meeting standard industrial specifications, Advantech's PME modules fit just about anywhere. They are easy to assemble and provide a simple upgrade path.

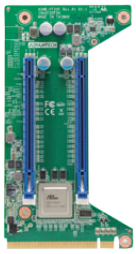
Specifications

Model Name		ASMB-FF3PX	ASMB-FF20F	ASMB-FF208	ASMB-FF3P8
Expansion Slots	Total PCI/PCI-X/PCIe slots	3	2	2	3
	Slot location 1	PCI 33/66 MHz	PCIe x16 (Gen3 x16 link)	PCIe x16 (Gen1 x8 link)	PCI 33/66 MHz
	Slot location 2	PCI-X 100 MHz	-	-	PCIe x8 (Gen2 x4 link)
	Slot location 3	PCI-X 100 MHz	PCIe x16 (Gen3 x16 link)	PCIe x16 (Gen1 x8 link)	PCIe x8 (Gen2 x8 link)
Fit Motherboard		ASMB-920/922 series	ASMB-920/922 series	ASMB-920/922 series	ASMB-920/922 series
Environment		Operating		Non-operating	
	Temperature	System: 0 ~ 40° C Board: 0 ~ 60° C		-40 ~ 85° C	
	Humidity	0% ~ 90%		5% ~ 95% (Non condensing)	
Physical Characteristics	Dimensions	110 mm x 193 mm	110 mm x 193 mm	110 mm x 193 mm	110 mm x 193 mm

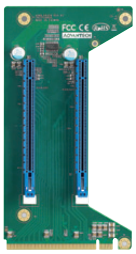
Front View



ASMB-FF3PX-12A1E



ASMB-FF20F-02A1E



ASMB-FF208-02A1E



ASMB-FF3P8-12A1E

Ordering Information

Part Number	Description
ASMB-FF3PX-12A1E	PME card with 2 PCI-X and 1 PCI slots
ASMB-FF20F-02A1E	PME card with 2 PCIe x16 slots (x16 link)
ASMB-FF3P8-12A1E	PME card with 1 PCIe x8 slot(x8 link) and 1 PCIe x8 slot(x4 link) and 1 PCI slot
ASMB-FF208-02A1E	PME card with 2 PCIe x16 slots (x8 link)

Note:
1. To enable PME function, it must to install processor both into CPU0 & CPU1 socket of ASMB-920/920IR.
2. To enable PME function, it need to install a processor into CPU0 socket of ASMB-922/922I.

All product specifications are subject to change without notice