

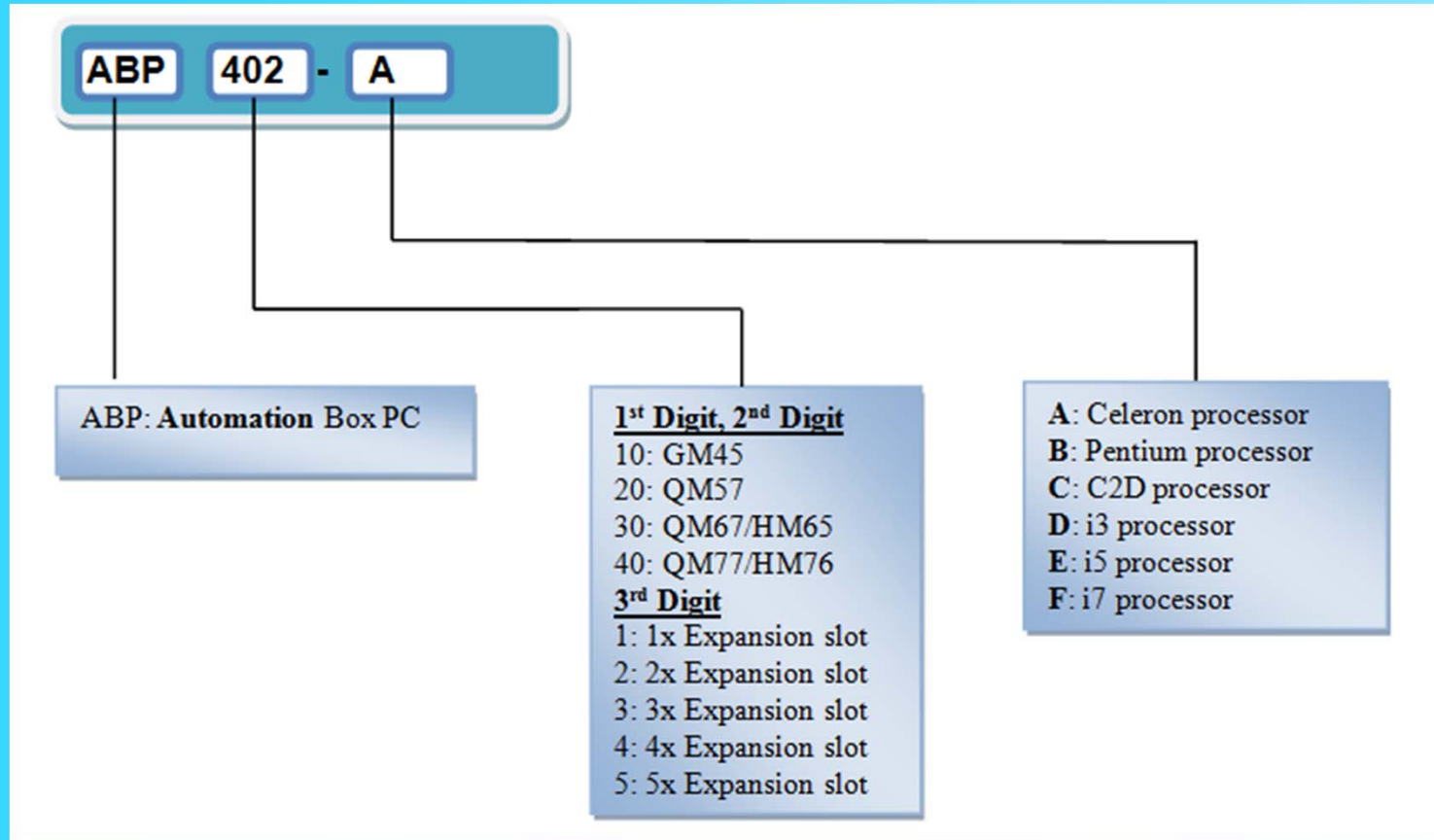
Product Introduction

Automation Box PC Series

Automation Box PC – ABP40x series



Product Naming Guide



Example (1)

Model Number: ABP-402-A

Description: Industrial PC Controller for Automation with Intel 3rd generation Celeron 1020e 2.2Ghz CPU, 2GB DDR3 RAM, 2.5" 500GB SATA HDD and Riser card (PCI-e(x16) + PCI).

Example (2)

Model Number: ABP-405-F

Description: Industrial PC Controller for Automation with Intel 3rd generation Core i7-3610QE 2.3Ghz CPU, 8GB DDR3 RAM, 2.5" 500GB SATA HDD and Riser card (PCI-e(x16) + 2x PCI-e(x4) + 2x PCI).

Key Features of ABP40x Series

Based on Intel 3rd Generation iCore Platform

Compact and Rugged

2MB Non-Volatile RAM Backup (Optional)

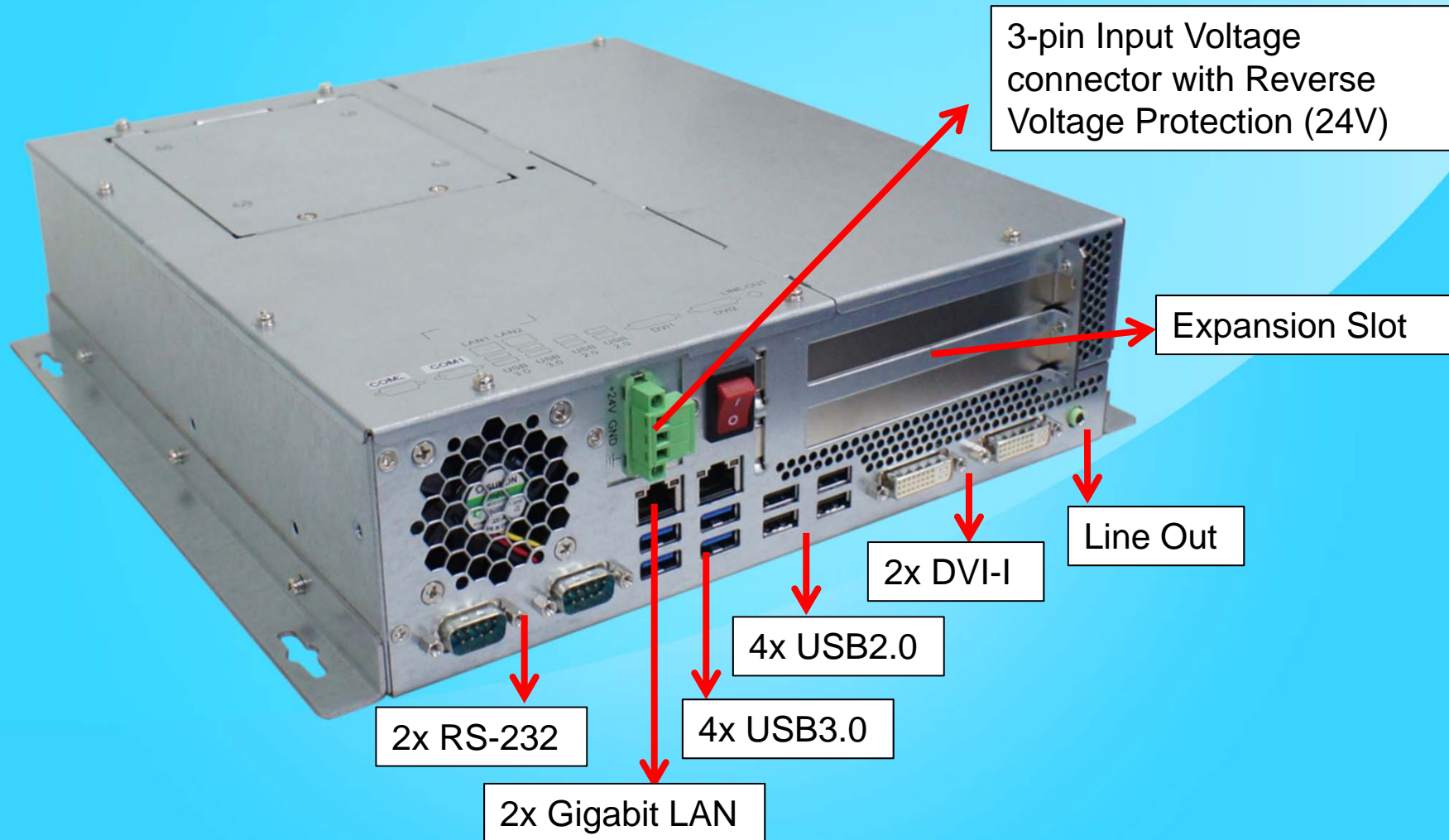
Dual Display Output (DVI-I)

Direct 24V DC Input with Reverse Voltage Protection

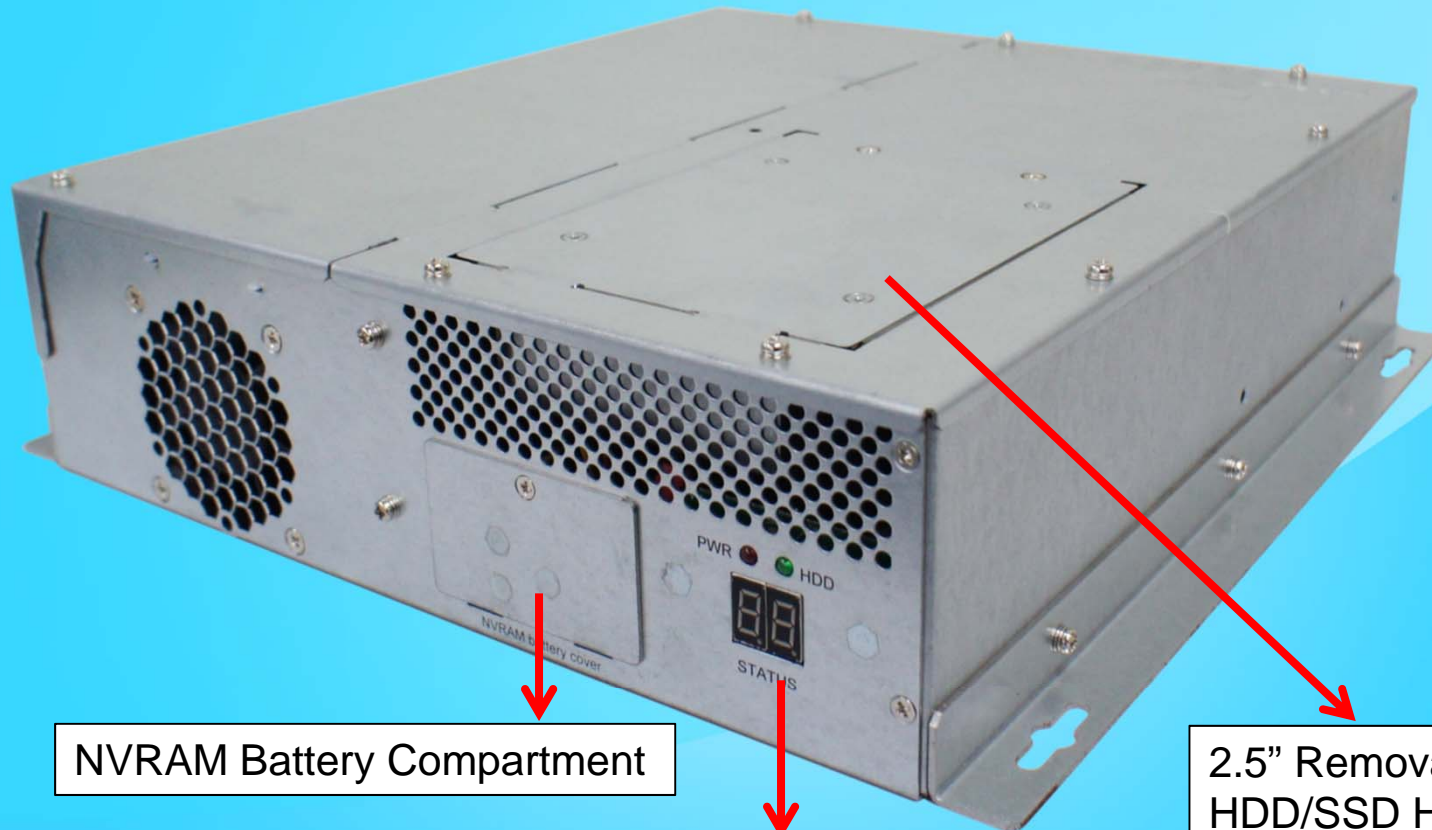
High Quality Components with High MTBF**

**** MTBF Calculation Model: Telcordia Issue 2**
Motherboard MTBF: 286,182 hours

Front I/O of ABP402



Rear I/O of ABP402



NVRAM Battery Compartment

BIOS POST Code

2.5" Removable
HDD/SSD Housing with
Shock Absorber

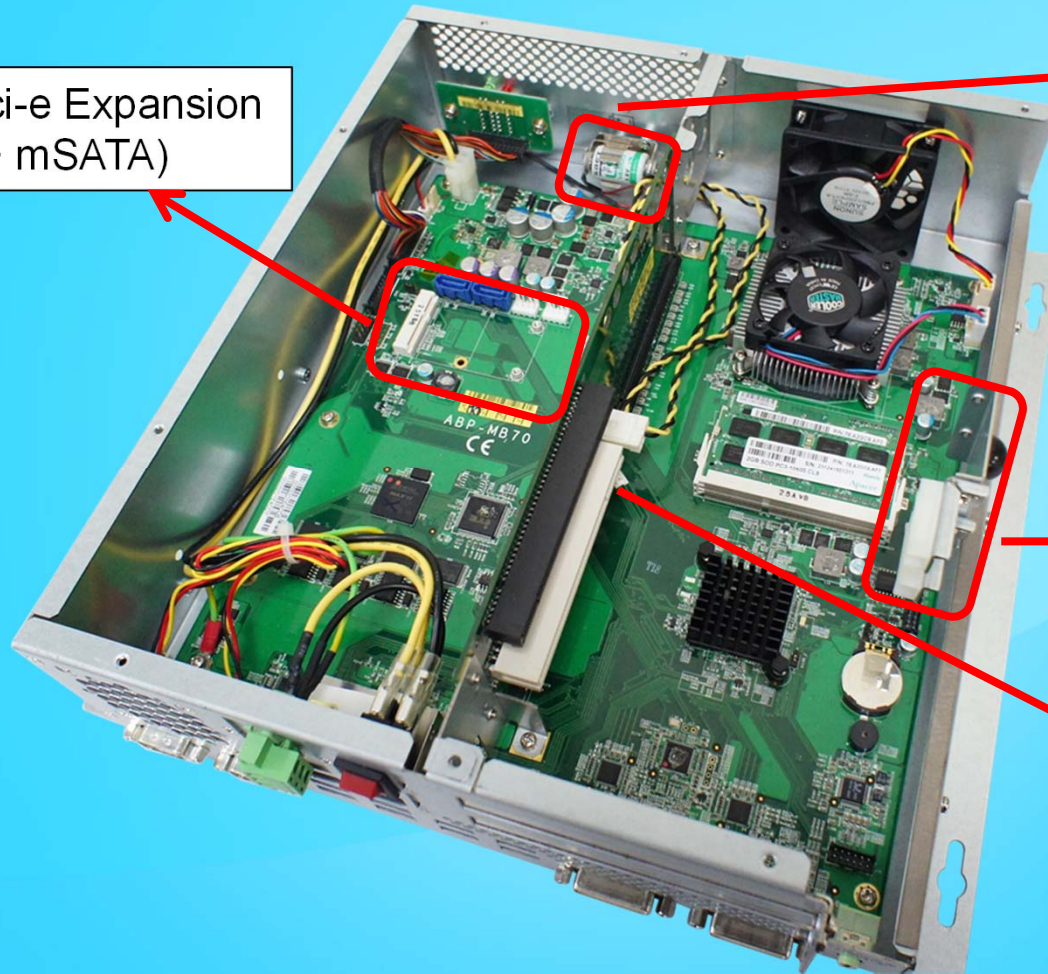
Open View Of ABP402

Mini Pci-e Expansion
(USB + mSATA)

Battery for NVRAM

Vibration Damper /
Guide for Riser
Card

ABP-IP702 Riser Card:
1x PCI-e(x16)
1x PCI

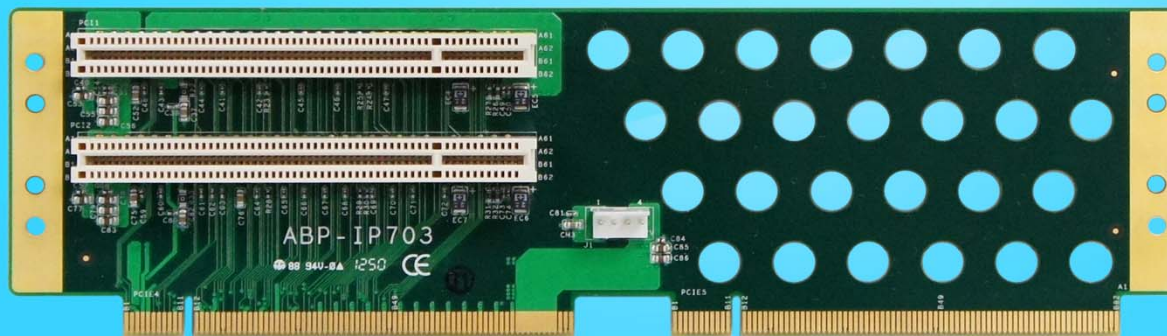


Riser Card Option for ABP402 series

ABP-IP702: 1x PCI-e(x16) + 1x PCI (Default)



ABP-IP703: 2xPCI (Optional)



Technical Specifications for ABP 40x series

Electrical

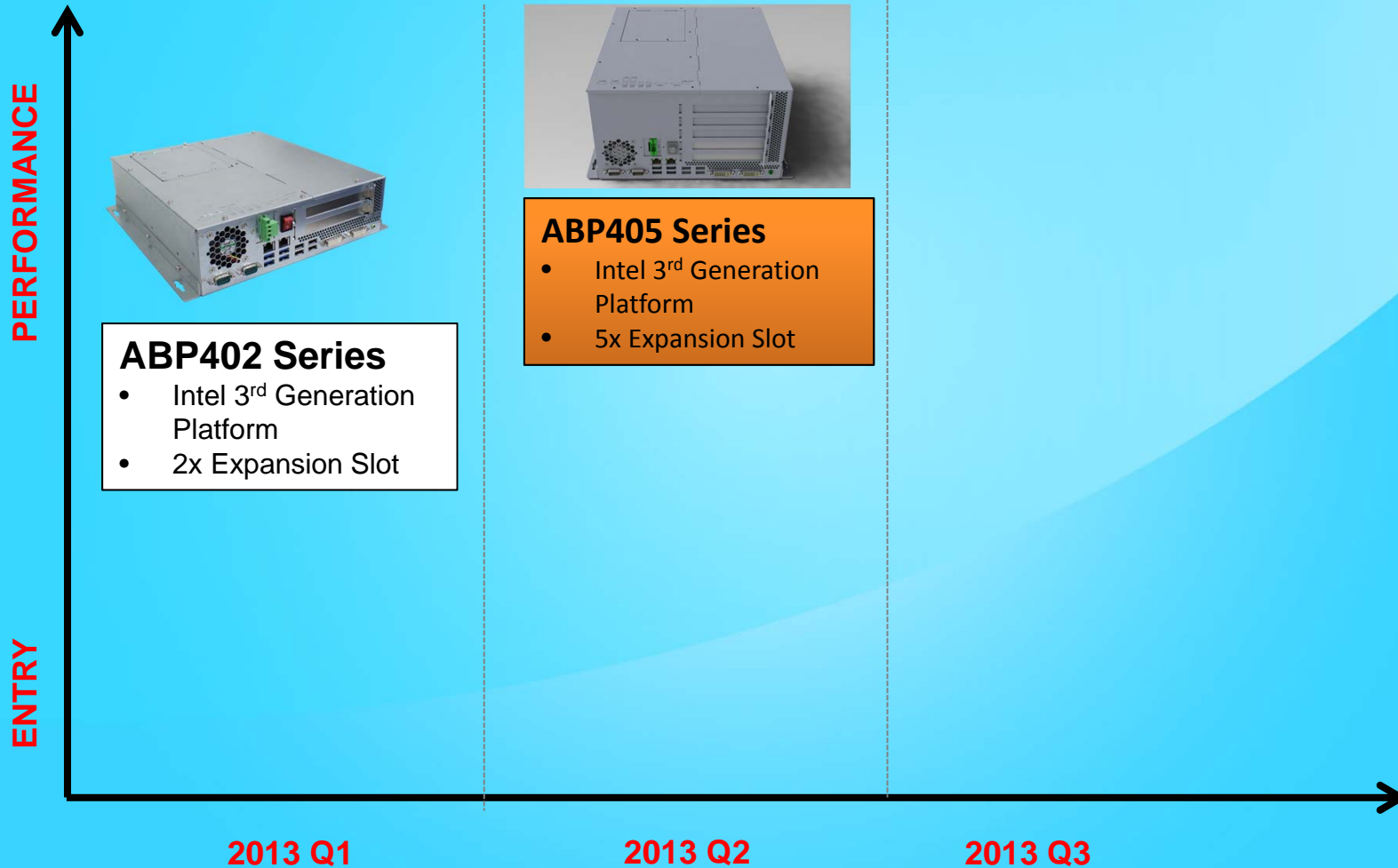
- Up to Intel 3rd Generation Core i7/i5/i3/Celeron Processors
- Up to 16GB DDR3 Memory
- 2xGigabit LAN, 2xRS-232, 2xDVI-I, 4xUSB2.0, 4xUSB3.0, 1x Mini PCI-e, 2xSATAIII
- Direct 24V DC input Voltage (+/- 15%)
- 2MB NVRAM backup

Mechanical & Environmental

- Industrial Components with high MTBF
- Tested against Shock & Vibrations
- Operating Temperature: 0°C ~ 55°C
- Certification: CE/FCC Class B

Roadmap for Automation Controller

Available Developing Planning



ABP402 Series

- Intel 3rd Generation Platform
- 2x Expansion Slot



ABP405 Series

- Intel 3rd Generation Platform
- 5x Expansion Slot

Product Availability

Sample (5 units) – End April

Mass Production – End May



Q & A

Thank You