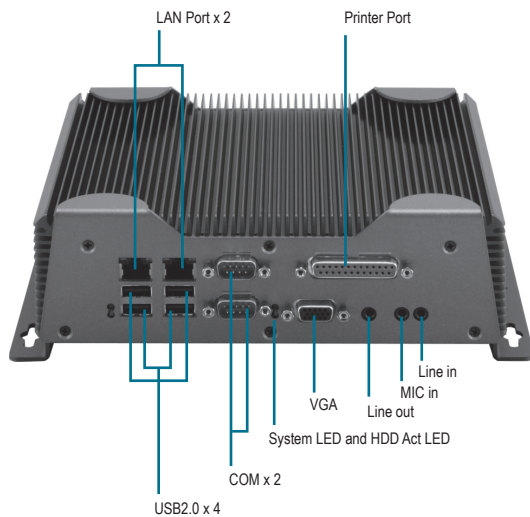
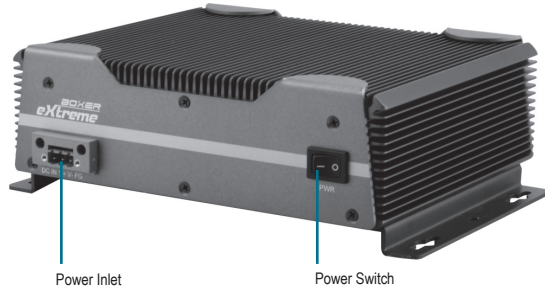


# AEC-7450

Wide Temperature Fanless Embedded Controller with Intel® Pentium® M Processor (-40°C ~ 70°C)

06

BOXER Wide Temperature Series - Fanless Embedded Controller Solutions



## Features

- **Fanless Design**
- **Wide Temperature -40°C ~ 70°C**
- **Intel® Pentium® M 1.8GHz**
- **Onboard 1GB DDR SDRAM with ECC Function**
- **COM x 2, USB2.0 x 4, Printer Port x 1**
- **Gigabit Ethernet x 2**
- **IDE/SATA interfaces**
- **VGA Output**

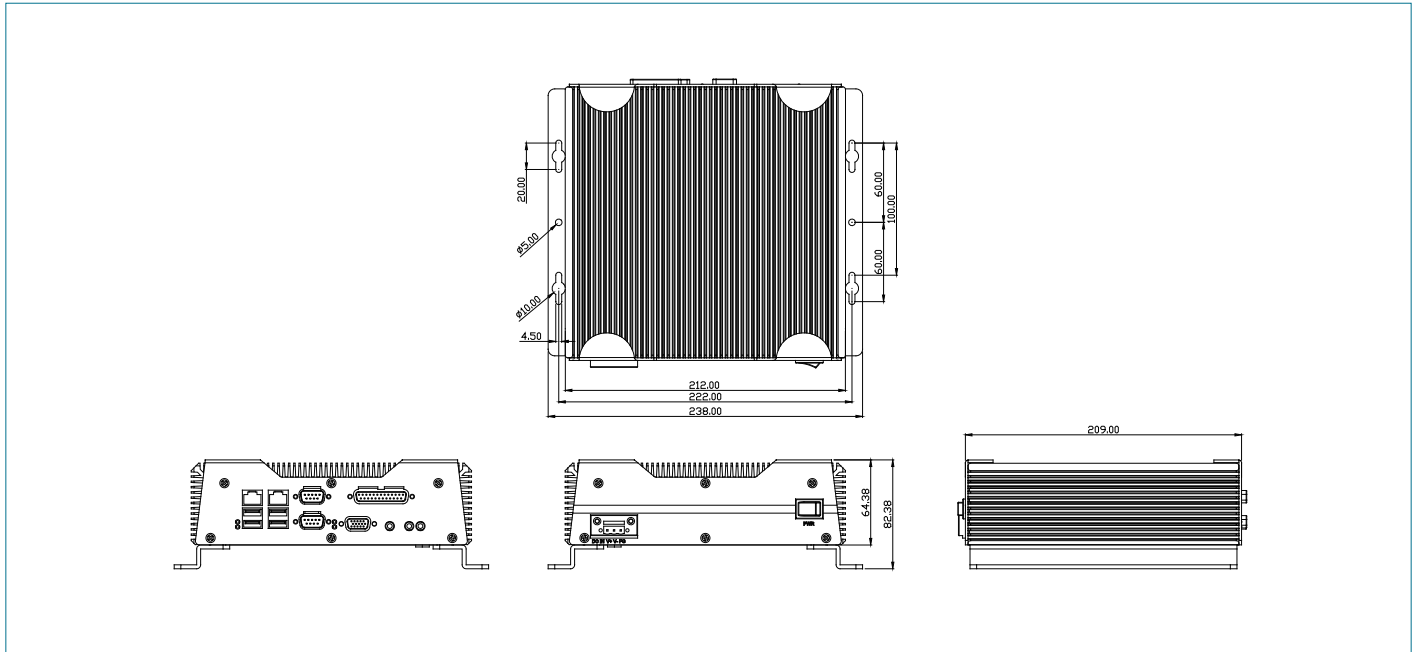


## Specifications

System	
Processor	Intel® Pentium® M 1.8GHz; FSB: 400MHz
System Memory	Onboard DDR SDRAM 1GB with ECC function
Expansion	PC/104+ pin connector x 1 (optional)
VGA	DB-15 VGA x 1
Ethernet	Dual Gigabit Ethernet, RJ-45 x 2
SSD	CompactFlash™ Socket x 1 (Internal)
Hard Disk Storage	SATA, IDE
Serial Port	RS-232 x 2
Audio	Line-in/ Line-out/ Mic-in
USB	USB2.0 x 4
LED Indicator	Power LED x 1, Hard Disk Drive Active LED x 1
Power Supply	1. DC Input: Input Voltage: 9V DC - 30V DC (3-pin Phoenix connector)
	2. AC Input: External AC power adapter (Optional) Input voltage: 100V AC ~ 240V AC
Power Consumption	—
MTBF (Hours)	—
OS Support	Windows® CE 5.0, Windows® XP Pro, Windows® XP Embedded, Linux Red Hat
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Color	Navy Blue
Mounting	Wallmount
Dimension	8.35" (W) x 6.54" (H) x 3.01" (D) (212mm x 166mm x 76.38mm)
Carton Dimension	13.23" (W) x 11.57" (H) x 10.24" (D) (336mm x 294mm x 260mm)
Net Weight	7.29 lb (3.3Kg)
Environmental	
Operating Temperature	-40°F ~ 158°F (-40°C ~ 70°C) (CFD or SSD)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Vibration	3g rms / 5 ~ 500Hz / operation - CFD or SSD
Shock	50g peak acceleration (11 msec. duration) - CFD or SSD
EMC	CE/FCC Class A

# AEC-7450

Dimension Unit: mm



## Ordering Information

- **AEC-7450-A1-0010**  
Embedded Controller, Intel® Pentium® M 1.8GHz, Fanless, 1GB onboard, Wide temperature from -40°C to 70°C

## Optional Accessories

- **1757912001**  
AC Adapter (120W), Input: AC 100~240V, Output: DC 19V
- **1702031830**  
Power Cord (US type)
- **1702031831**  
Power Cord (European type)
- **1702031810**  
Power Cord (Japanese Type)