

# eBOX620-110-FL

Fanless Embedded System with AMD G-Series APU and Dual Display Support



▲ Front view



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	AMD G-Series APU T40E 1.0 GHz or T56N 1.65 GHz
System Memory	1 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 4 GB
Chipset	AMD A50M FCH
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2/ 3/ 4) 1 x VGA 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™
Expansion Interface	1 x PCI Express Mini Card (USB+PCI Express signal) 1 x SIM slot
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 60W adapter Input: AC 90~264V Output: DC12V@5A
Operating Temperature	-10°C ~ +45°C (14°F ~ 113°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	2 Grms w/ CompactFlash™ (5-500Hz, X, Y, Z directions)
Dimensions	145mm(W) x 132mm(D) x 50mm(H)
Weight (net/gross)	1.98 kg (4.36 lb) / 2.6 kg (5.73 lb)
Certification	CE, EN60950 compliance
EOS Support	XPE, Linux

\* XPE: Windows® XP Embedded

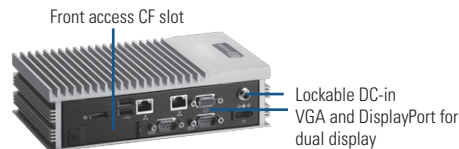
## Packing List

- 1 x quick manual
- 1 x driver CD
- 1 x screw pack
- 4 x foot pad
- 1 x power adapter
- 2 x CFast mylar
- 1 x HDD Mylar
- 1 x US power cord

\* All specifications and photos are subject to change without notice.  
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## Features

- AMD G-Series APU single core T40R 1.0 GHz or dual core T56N 1.65 GHz onboard
- AMD A50M FCH
- High performance DDR3-1066/1333 SO-DIMM max. up to 4 GB
- 1 DisplayPort and 1 VGA port
- 1 RS-232/422/485 and 3 RS-232 ports
- Fanless operation design with full feature I/O
- 1 2.5" SATA drive bay and one CompactFlash™ 2.0 slot
- 1 internal PCI Express Mini Card slot



▲ Rear view

## Power Protection

### AC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

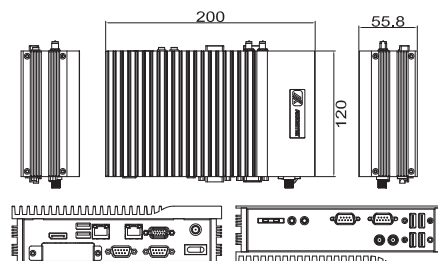
eBOX620-110-FL-T56N-	Fanless embedded system with AMD dual core T56N 1.65 GHz, VGA, DisplayPort, 2 10/100/1000Mbps, 4 COM, 6 USB, AC-DC 60W adapter, CF & HDD support
eBOX620-110-FL-T40R-	Fanless embedded system with AMD single core T40R 1.0 GHz, VGA, DisplayPort, 2 10/100/1000Mbps, 4 COM, 6 USB, AC-DC 60W adapter, CF & HDD support

### Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SODIMM	Max. up to 2 GB
CompactFlash™	1 GB or above
Wifi+Bluetooth	
GPS module	
Graphic accelerator codec module	
Din rail kit	
Wall mount kit	
VESA mount kit	
Power cord	

\*Specifications and certifications are based on options and may vary.

## Dimensions



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Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories