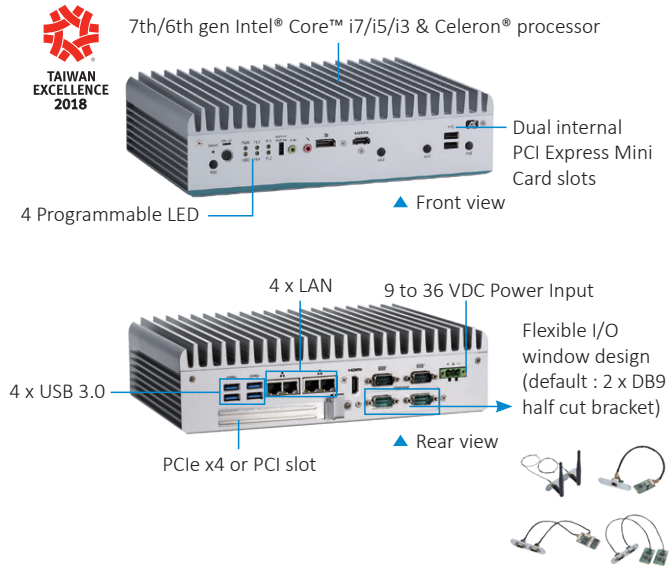


# eBOX700-891-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, Intel® H110, 2 HDMI, DisplayPort, 4 GbE LAN, 6 USB, PCIe x4/PCI Slot and 9 to 36 VDC



## Features

- Wide operating temperature range from -40°C to +50°C
- 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors
- PCIe x 4 or PCI slot supported
- Supports 6 USB ports and 4 GbE LAN
- 2 PCI Express Mini Card slots for WLAN/WWAN/mSATA modules
- 1 internal USB Type A connector for Dongle kit



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 35 W)
System Memory	6th gen: 2 x 260-pin SO-DIMM DDR4-1866/2133, up to 32GB 7th gen: 2 x 260-pin SO-DIMM DDR4-2133/2400, up to 32GB
Chipset	Intel® H110
BIOS	AMI UEFI BIOS
System I/O Outlet	2 x RS-232/422/485 2 x HDMI (1 x HDMI 2.0 & 1 x HDMI 1.4b) 1 x DisplayPort 1 x Audio (Mic-in/Line-out) 4 x 10/100/1000 Mbps Ethernet (Intel® i210-IT, i219-LM) 4 x USB 3.0, 2 x USB 2.0 4 x Antenna opening 1 x Phoenix type VDC power input connector 1 x ATX power switch 1 x Remote power switch 1 x ATX/AT quick switch 1 x Reset switch connector 1 x Flexible I/O window (default: 2 x DB9 half cut bracket)
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	1 x 2.5" SATA HDD drive bay (max. up 15 mm height) 1 x mSATA (enabled in BIOS setting)
Expansion Interface	2 x Full-size PCI Express Mini Card slot (USB+PCIe signal) 1 x SIM slot 1 x PCIe x4 slot or 1 x PCI slot 1 x Internal USB Type A for license dongle kit usage
TPM	N/A
System Indicator	1 x Green LED for system power-on 1 x Yellow LED for HDD active 4 x Programmable green LED
Power Input	9 to 36 VDC

## Specifications

Operating Temperature	-40°C to +50°C (-40°F to +122° F) (with W.T. SSD/DRAM)
Humidity	10%- 90%, non-condensing
Vibration Endurance	3 Grms with SSD (5 to 500Hz, X, Y, Z directions)
Dimensions	280 mm (11.02") (W) x 190 mm (7.48") (D) x 76 mm (2.99") (H)
Weight (net/gross)	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)
Certifications	CE, FCC Class A, UKCA
EOS Support	Win 10 IoT, Linux
Software Support	AMS.AXView

\* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Packing List

1 x Remote power cable  
 1 x Terminal block connector  
 4 x Pre-installed foot pad

## Power Protection

### DC Version

OVP (over voltage protection)  
 UVP (under voltage protection)  
 SCP (short current protection)

## Ordering Information

### Standard

eBOX700-891-FL-PCIe-DC (P/N: E36K700100)	Fanless embedded system with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H110, 2 HDMI, DisplayPort, 4 GbE LAN, 6 USB, PCIe x4 and 9 to 36 VDC
eBOX700-891-FL-PCI-DC (P/N: E36K700103)	Fanless embedded system with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H110, 2 HDMI, DisplayPort, 4 GbE LAN, 6 USB, PCI and 9 to 36 VDC

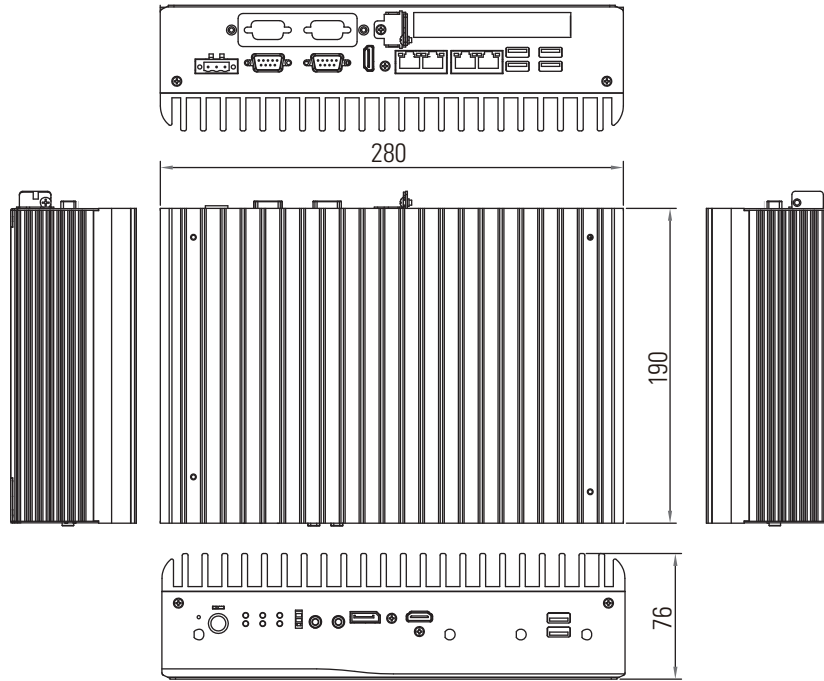
### Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	100GB or above
DDR4 SO-DIMM	8GB to 16GB
	Wi-Fi/LTE module
8816K7000AOE	Wall mount kit
8816K6702AOE	DIN-rail kit
509000001500	24V 120W power adapter Power cord
E392903102	AX92903 CANbus PCI Express Mini module
E392902103	AX92902 LAN PCI Express Mini module
E392906101	AX92906 COM PCI Express Mini module
E392904102	AX92904 DIO PCI Express Mini module
E392905103	AX92905 Audio PCI Express Mini module
E392918103	AX92918 Dual LAN PCI Express Mini module

\* Specifications and certifications may vary based on different requirements.

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## Dimensions



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