

# SmartMOD

UP6-500

The high performance ultra-compact fanless embedded box PC



Front Side



Rear Side

## Features

- Compact size: 238 x 129 x 63.7mm
- Fanless system, aluminum alloy structure
- Wide-range DC voltage input: 9V~32V
- Support 6th Intel® Core™ processor, Skylake platform
- 2 x GbE ethernet, 4x PoE(IEEE 802.3at)
- Multi-Display: 1x HDMI/VGA and 1x DP
- 2x Mini-PCIe with SIM socket (PCIe+USB+USIM) and 1x Mini-PCIe socket (PCIe+USB)
- 1x mSATA Socket, 1x 2.5" drive bay for HDD/SSD
- 4x RS-232/422/485, 2x RS-232
- 16-bit programmable GPIO x 1, 8-bit GPIO x 1 for 4DI +4 DO

## Specifications

### System

CPU	6th Gen. Intel® Core™ i7-6600U (2.6 GHz Dual Core Turbo Boost 3.4 GHz 4 MB Cache) 6th Gen. Intel® Core™ i5-6300U (2.4 GHz Dual Core Turbo Boost 3.0 GHz 3 MB Cache) 6th Gen. Intel® Core™ i3-6100U (2.3 GHz Dual Core 3 MB Cache) Intel® Celeron® 3955U (2.0 GHz Dual Core 2 MB Cache)
Chipset	PCH-LP integrated
BIOS	AMI Aptio® UEFI 2.x firmware
System Memory	DDR4 2133 MHz SODIMM x 2, Up to 32GB
Storage	1x mSATA socket 1x SATA(22-pin) with 1x 2.5" driver bay
Graphic	Intel® HD Graphics 520/ 510
Watchdog	Multistage watchdog

### I/O

USB	1 x USB 2.0 , 4 x USB 3.0/2.0
Serial Port	4 x RS-232/422/485, 2 x RS232
Ethernet	2 x 10/100/1000Mbps GbE
PoE(IEEE 802.3at)	4x PoE
Display	1 x HDMI/VGA and 1 x DP
Audio	1 x Line-out, 1x MIC-in
GPIO	16-bit programmable GPIO x 1 8-bit GPIO x 1 for 4DI+4DO

### Other

Smart Battery Management	ACPI 5 .0 compliant (reserve)
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### Expansion

Mini-PCIe	2x full length Mini-PCIe socket (PCIe +USB+USIM) 1x full length Mini-PCIe socket (PCIe +USB)
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### Environment & Mechanical

Power Supply	9V ~ 32Vdc
Temperature	Operation 0°C ~+60°C,(32°F~140°F)
	Storage -40°C ~+85°C,(40°F~185°F)
Humidity	Operation 10%~90% (non-condensing)
	Storage 5%~95% (non-condensing)
Dimensions	238 x 129 x 63.7mm (9.37" x 5.08" x 2.46")
Weight (net/gross)	TBD

### Certification & Optional OS Installation

Certification	CE / FCC class A
OS Support	Microsoft® Windows® 10 Microsoft® Windows® 8.1 Microsoft® Windows® 7 Linux Microsoft® Windows® embedded Standard

#### Headquarter

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#### EMEA

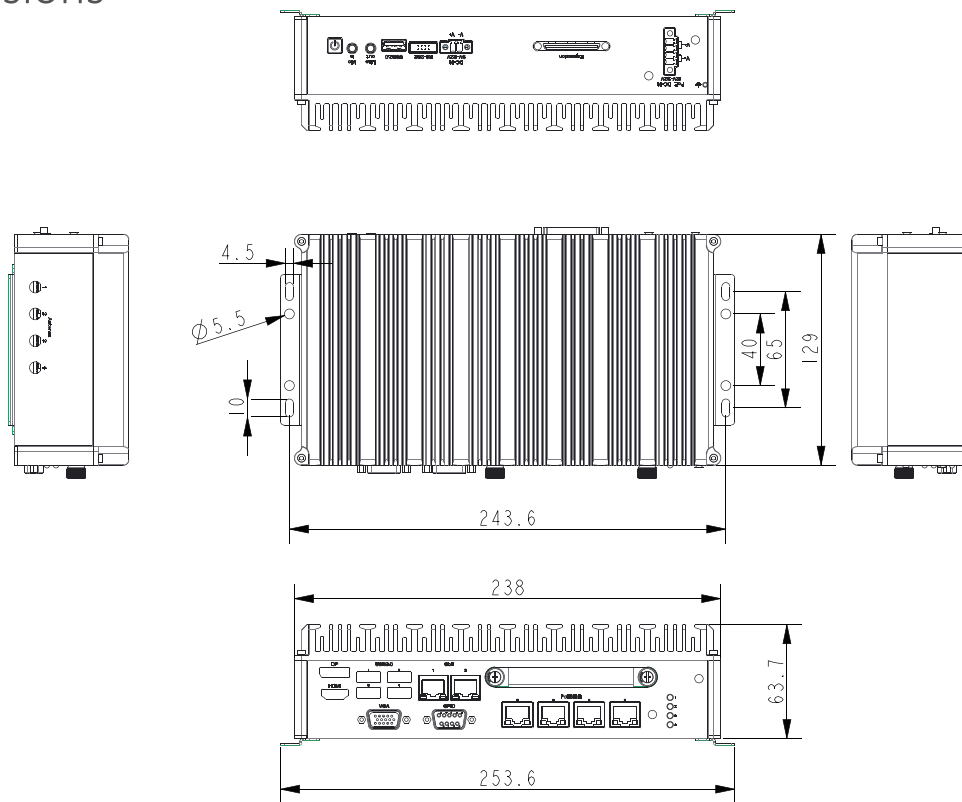
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**EFCO**  
EverFine Group

## Dimensions



Unit: mm

## Ordering Information

Part No.	Description
UP6-500	Intel® Core™ Processor family Box PC with 4x PoE (IEEE 802.3at)

### Headquarter

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