



DATA SOUND - LABORATORIES -

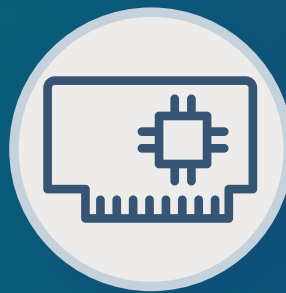
.....
EMBEDDING THE FUTURE



**Electronic
Design**



**Panel
PC / HMI**



**Single Board
Computer**



**Industrial
PC**

Why choose DSL?

- Over 25 Years Industry Experience
- 5 Years Warranty on all Products
- Evaluation Products Available
- Lifetime Technical Support

Our Services

- Electronic Design
- Production Management
- Assembly and Test
- Bespoke BIOS Creation
- Industrial Embedded PC Solutions



Call us on +44(0)1462 675330



Email us at sales@dsl-ltd.co.uk



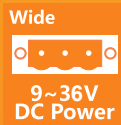
www.dsl-ltd.co.uk

ACS-2170

A Space-Saving and Rich Connections Box PC

- Intel Baytrail Platform
- Onboard 2GB/4GB DDR3L Memory
- Ultra Slim Size and Fanless Design

About Features



Fanless Design



Support Din-rail mounting



Ultra slim size



Wide range
9~36V DC power input



Onboard 2GB/4GB DDR3L



Easy accessible Storage Design

ACS-2170

Ultra Slim Fanless Box PC



Specifications

Model Name	ACS-2170
System	
Processor	Intel Celeron N2930 1.83GHz Processor
System Chipset	SoC
System Memory	Onboard 2GB DDR3L 1600MHz, (4GB Option)
External I/O	
USB	3 x USB 2.0 type A 1 x USB 3.0 type A
Serial/Parallel	1 x RS-232 DB-9, COM2 1 x RS-232/422/485, COM1 (Default RS-232)
LAN	2 x GbE LAN RJ-45 by Intel 82574L
Graph	1 x VGA
Audio	1 x Line out phone jack
Digital I/O	None
Power connector	3 pins terminal block connector 1 x 2-pin connector for power on/off button
Storage Space	
HDD	1 x 2.5" SATA2
Movable device	1 x SD card slot, up to 32GB
Expansion	
On board expansion bus	1 x mini PCIe slot full Size
Expansion slot	None
Power	
Power input	9~36V DC
Power Consumption	Max:8.54W
Mechanical	
Construction	Aluminum chassis
IP rating	IP20
Mounting	Wall mount, VESA 100x100, Din-rail(option)
Dimension(mm)	297 x 173 x 33.9
Net weight(Kg)	1.6
Environment	
Operating temperature(°C)	-20~60
Storage temperature(°C)	-40~85
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE/FCC class A
Operating System Support	

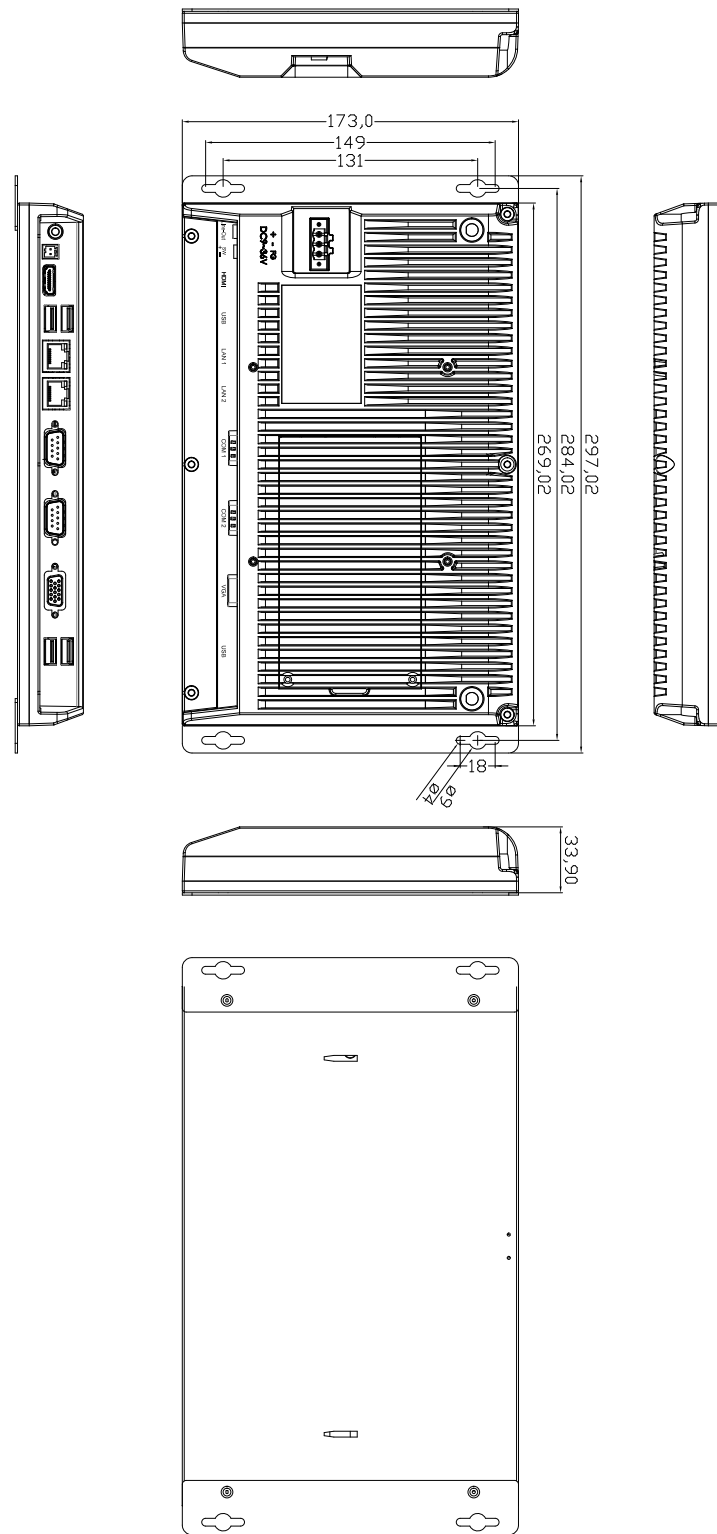
Windows Embedded 8.1 Industry Pro, Windows 7 Pro for Embedded, WES 7, WE8S

ACS-2170

Ultra Slim Fanless Box PC

Dimensions

ACS-2170



unit:mm

Ordering information

Model NO.	Description
ACS-2170-01	Fanless Box PC, Intel Celeron N2930 1.83G processor, 2GB DDR3L Memory, 16GB MMC SSD, mini PCIe slot(full size), 9~36V DC input with adaptor

ACS-2180

A Space-Saving and Rich Connections Box PC

- Intel® Haswell Platform
- Onboard 4GB DDR3L Memory
- Ultra Slim Size Fanless Design



About Features



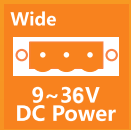
Fanless



Din Rail



-20~60°C



Wide

9~36V
DC Power



Wide Temp
Option



Fanless Design

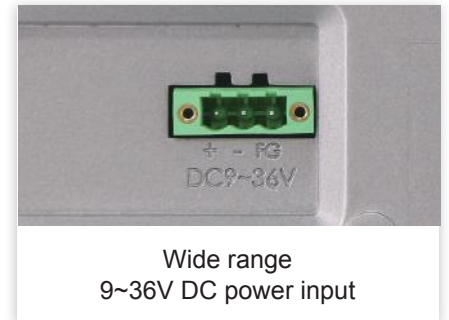


Picture of ACS-2180 for reference

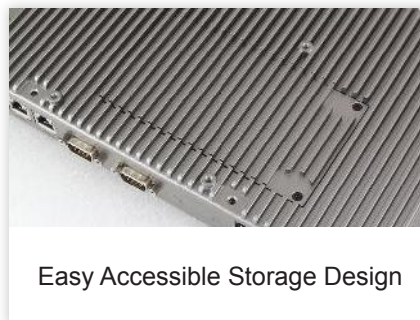
Extend I/O port Available
(TB-528 I/O Board Series)



Ultra slim size
Minimum 3.55cm



Wide range
9~36V DC power input



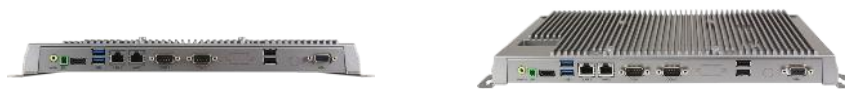
Easy Accessible Storage Design



Onboard 4GB DDR3L

ACS-2180

Ultra Slim Fanless Box PC



Specifications

Model Name	ACS-2180
System	
Processor	Intel® Haswell 4th Core™ i3 CPU
System Chipset	SoC
System Memory	Onboard 4GB DDR3L SDRAM
External I/O	
USB	2 x USB 2.0 type A 2 x USB 3.0 type A
Serial/Parallel	1 x RS-232 DB-9, COM2 1 x RS-232/422/485, COM1 (Default RS-232)
LAN	2 x GbE LAN RJ-45 by Intel 82574L
Graph	1 x VGA
Audio	1 x Line out phone jack
Digital I/O	None
Power connector	3 pins terminal block connector 1 x 2-pin connector for power on/off button
Storage Space	
HDD	1 x 2.5" SATA3
Movable device	1 x SD card slot, up to 32GB
Expansion	
On board expansion bus	1 x mini PCIe slot full Size
Expansion slot	None
Power	
Power input	9~36V DC
Power Consumption	Max:19.72W
Mechanical	
Construction	Aluminum chassis
IP rating	IP20
Mounting	Wall mount, VESA 100x100
Dimension(mm)	375.6 x 177.7 x 35.5
Net weight(Kg)	2.0
Environment	
Operating temperature(°C)	-20~60
Storage temperature(°C)	-40~85
Storage humidity	10 to 90% @ 40°C, non- condensing
Certification	CE/FCC class A
Operating System Support	

Windows Embedded 8.1 Industry Pro, Windows 7 Pro for Embedded, WES 7, WE8S

Stainless Steel Panel PC

Industrial Panel PC

HMI

Embedded Box PC

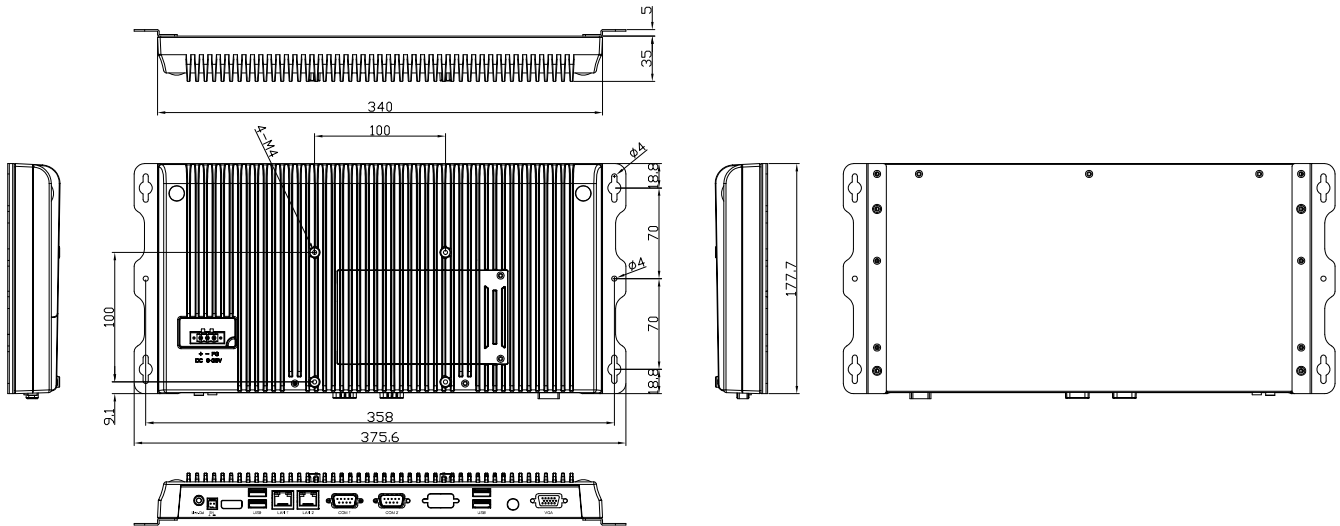
Display

ACS-2180

Ultra Slim Fanless Box PC

Dimensions

ACS-2180



unit:mm

Ordering information

Model NO.	Description
ACS-2180-01	Fanless Box PC, Intel Core i3-4010U CPU, 4GB DDR3L RAM onboard, 16G MLC SSD, mini-PCIe slot full size, 9~36 VDC power input with adaptor, Aluminum chassis

Extend I/O port Available:

ACS-2170/2180 can be extended by adding another transfer board - TB-528 series.

