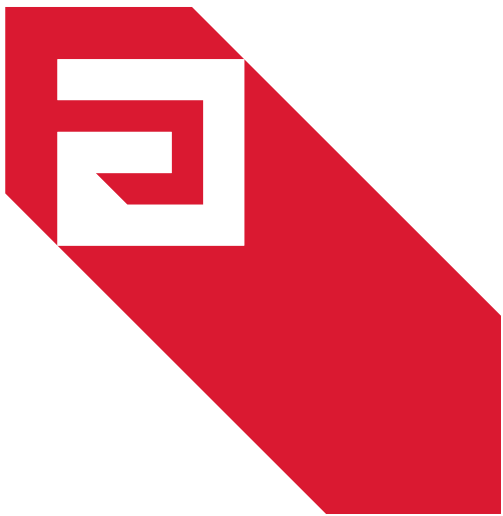




Compact Cases for Small Form Factors

For Further Information
Please Contact



Fanless Cases for

(Thin) Mini-ITX | Mini-STX | ASUS NUC with Intel® Core™ | Mini-PC with AMD Ryzen™
NVIDIA® Jetson Nano™ / Orin™ | Raspberry Pi | ASUS Tinker Board

Active Cases for

(Thin) Mini-ITX | NVIDIA® Jetson Nano™ / Orin™ | ASUS Tinker Board

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Official



Business



Digital
Brochure

AMD® system partner
Intel® approved cooler manufacturer
Intel® NUC Ecosystem Partner
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Printed in May 2024 V1



SUPERB DESIGN ENGINEERING

Company Introduction & Key Thermal Solutions Milestones



- **1997** Founded in Taipei & London (EMEA)
- **1998** Akasa (Asia) Corp. established (APAC & NA)
- **2000** Official launch of brand "Akasa"
- **2001** Brazil office established (South America)
- **2005** Fan manufacturing facilities opened in Dong Guang, China
- **2007** New facility, Dachi Metal and Electronics Ltd., operated in Dong Guang China for assembly
- **2009** ISO9001 & ISO14001 certified
- **2012** CNC manufacturing facilities opened in Dong Guang, China
- **2012** First range of Fanless Chassis for Intel®-based Thin- Mini ITX launches
- **2013** First range of Fanless Chassis for Intel® 4x4 NUCs
- **2015** First range of IP65-rated Fanless Chassis for Intel® NUCs
- **2020** Release of Maxwell Pro for Mini-ITX Intel® & AMD platforms at 65W TDP
- **2021** Netherlands office established (for European Union customers)
- **2022** Fanless Case solutions for Intel® LGA1700
- **2024** Extends partnership with Raspberry Pi as a designated 'Raspberry Pi Approved Design Partner'

Akasa is an extremely versatile turnkey manufacturer with the capability to turn your concepts and ideas into a series of products

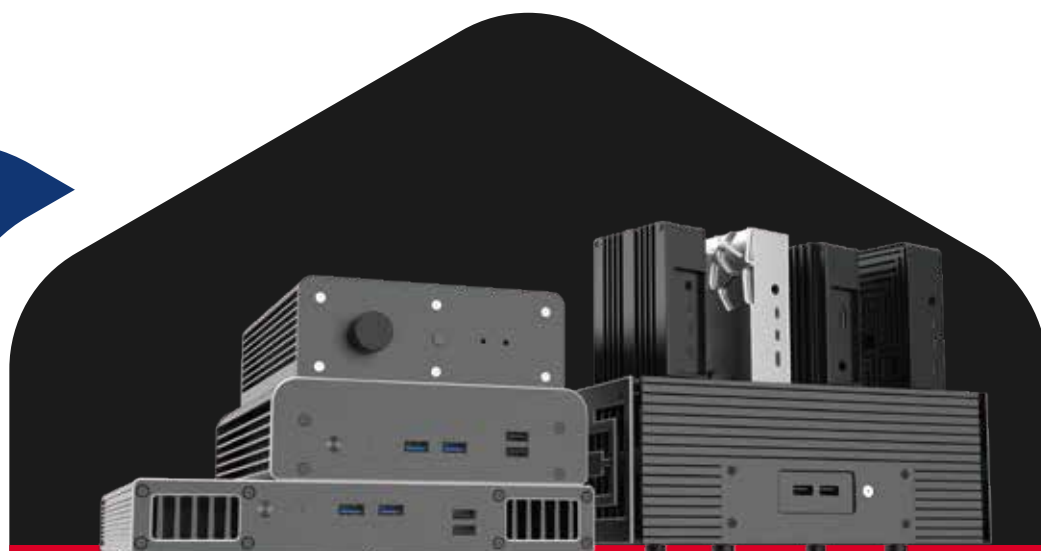


Our engineering staff boasts unmatched experience and practical knowledge. Our group can provide conceptual studies and drawings within a short time, and complex custom built hardware within a reasonable time.

Contents

Case Solutions for Small Form Factors

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SUPERB DESIGN ENGINEERING

Designed for

ASUS NUC

Compute Element

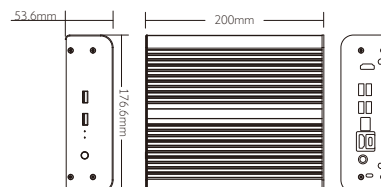


Newton NE2

Compact Silent Evolution for ASUS NUC Garden Beach Board Element and Compute Element (U-Series)

- Aluminium fanless CPU cooling design
- Supports two HDMI interfaces

product code: A-NUC71-M2B



front USB 2.0 x 2	Antenna fitting hole	VESA mounting	Kensington lock
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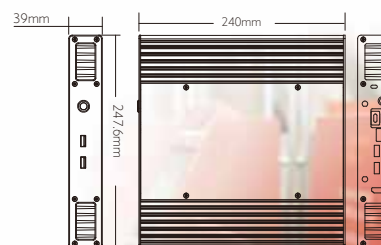


Plato NE2

Slim Fanless Case for ASUS NUC Garden Beach Board Element and Compute Element (U-Series)

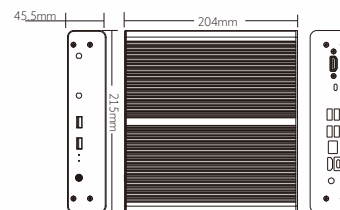
- Aluminium fanless CPU cooling design
- Supports two HDMI interfaces

product code: A-NUC72-M1B



front USB 2.0 x 2	Antenna fitting hole	VESA mounting	Kensington lock
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Compatible with: the following ASUS models:- NUC Compute Elements (U-Series): Hard Bay (12th Gen) / Elk Bay (11th Gen) NUC 12 Compute Element (U-Series): ELM12HBv7 / ELM12HBi7 / ELM12HBv5 / ELM12HBi5 / ELM12HBi3 / ELM12HBC NUC 11 Compute Element (U-Series): CM11EBv716W / CM11EBi716W / CM11EBv58W / CM11EBi58W / CM11EBi38W / CM11EBC4W ASUS NUC Board Element (U-series) (Garden Beach):- CMB2GB



front USB 2.0 x 2	Antenna fitting hole	VESA mounting	Kensington lock	28W Thermal Design	2L Volume
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Newton NE3

Compact Fanless Case for ASUS NUC Garden Beach Board Element and Compute Element (U-Series)

- Aluminium fanless CPU cooling design
- Dual HDMI support

product code: A-NUC73-M1B

Compatible with: the following ASUS NUC Board:
NUC 12 Compute Element (U-Series) (Hard Bay)
NUC 11 Compute Element (U-Series) (Elk Bay):- CM11EBv7 / CM11EBi7 / CM11EBi3 / CM11EBv5 / CM11EBi5 / CM11EBC4W
NUC 11 Board Element (U-Series) (Garden Beach):- CMB2GB

Fanless Cases for Butler Beach (Board Element)

Intel Platform

Designed for

ASUS
NUC

Compute Element



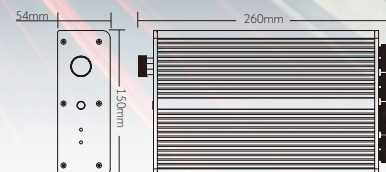
Pascal NE

IP65 Waterproof Fanless Case for
ASUS NUC Butler Beach Board
Element and Compute Element (U-Series)

- Aluminium fanless CPU cooling design

product code: A-NUC57-M1B

VESA
mounting

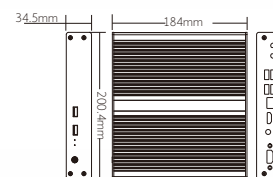


Plato NE

Slim Fanless Case for ASUS NUC
Butler Beach Board Element and
Compute Element (U-Series)

- Aluminium fanless CPU cooling design
- 1U low profile case design

product code: A-NUC59-M1B

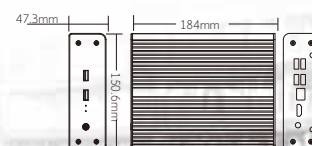


Newton NE

Compact 1.4L Fanless Case for ASUS
NUC Butler Beach Board Element and
Compute Element (U-Series)

- Aluminium fanless CPU cooling design

product code: A-NUC58-M1B



Compatible with: the following ASUS NUC Board:
NUC 12 Compute Element (U-Series) (Hard Bay): Up to Celeron® at 15W TDP
NUC 11 Compute Element (U-Series) (Elk Bay): Up to Celeron® at 15W TDP
NUC 8 Compute Element (U-Series) (Chandler Bay):- CM8v7CB / CM8i7CB / CM8v5CB / CM8i5CB / CM8i3CB / CM8PCB / CM8CCB
NUC 8 Board Element (U-Series) (Butler Bay):- CMB1BB

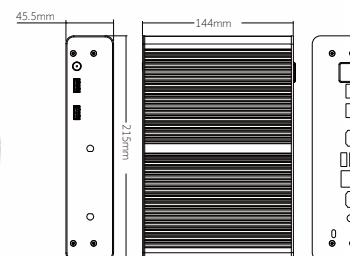
Fanless Cases for Austin Beach (Board Element)

Intel Platform

Designed for

ASUS
NUC

Compute Element



Aluminium
Heatsink

VESA
mounting

1.4L
Volume

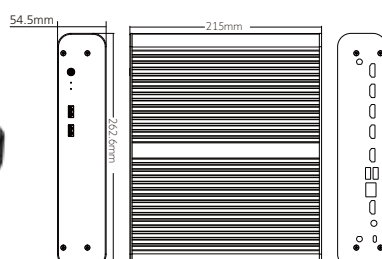
Edison EU1

Compact Fanless Case for ASUS NUC
Austin Beach Dual LAN Board Element
and Compute Elements (U-Series)

- Aluminium fanless CPU cooling design
- Premium and elegant aluminium fanless case

product code: A-NUC81-M1B

compatible with: the following ASUS models:-NUC Compute Element (U-Series) : Hard Bay (12th Gen) / Elk Bay (11th Gen) / Chandler Bay (8th Gen)
NUC 11 Compute Element (U-Series): CM11EBC4W / CM8v7CB8N / CM8i7CB / CM8v5CB / CM8i5CB / CM8i3CB / CM8PCB / CM8CCB (Elk Bay)
NUC 8 Compute Element (U-Series): CM8v7CB / CM8i7CB / CM8v5CB / CM8i5CB / CM8i3CB / CM8PCB / CM8CCB (Chandler Bay)
NUC Rugged Board Element: CMB1ABA / CMB1ABB



Aluminium
Heatsink

VESA
mounting

3L
Volume

Edison EU2

Compact Fanless Case for ASUS NUC
Austin Beach Multi HDMI Board Element
and Compute Element (U-Series)

- Aluminium fanless Compute Element cooling design
- Premium and elegant aluminium fanless case

product code: A-NUC82-M1B

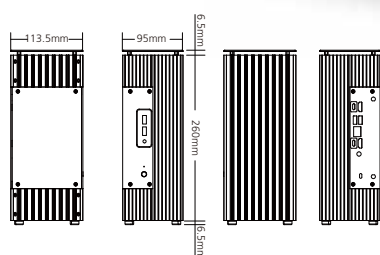
compatible with: the following ASUS models:-NUC Compute Element (U-Series) : Hard Bay (12th Gen) / Elk Bay (11th Gen) / Chandler Bay (8th Gen)
NUC 11 Compute Element (U-Series): CM11EBC4W / CM8v7CB8N / CM8i7CB / CM8v5CB / CM8i5CB / CM8i3CB / CM8PCB / CM8CCB (Elk Bay)
NUC 8 Compute Element (U-Series): CM8v7CB / CM8i7CB / CM8v5CB / CM8i5CB / CM8i3CB / CM8PCB / CM8CCB (Chandler Bay)
NUC Rugged Board Element: CMB1ABC (Austin Beach- Multi HDMI)

Fanless Cases for Asus NUC 13 Pro (Arena Canyon)

Intel Platform

Designed for

ASUS
NUC



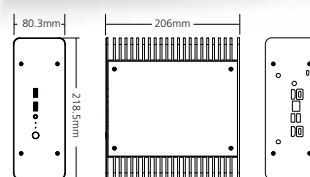
front USB Type-A	support 2.5" SATA HDD/SSD	Kensington lock	UCFF 4" X 4"	Antenna fitting hole	TWO HP	Position Horizontally or Vertically
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Turing AC Pro

Contemporary Fanless Case for
ASUS NUC 13 Pro (Arena Canyon)

- Aluminium fanless CPU cooling design
- Stylish front cover with diamond edge effect

product code: A-NUC95-M1B



front USB Type-A	support 2.5" SATA HDD/SSD	Kensington lock	UCFF 4" X 4"	Antenna fitting hole	Two 8mm HP
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Maxwell AC Pro

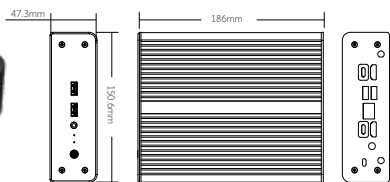
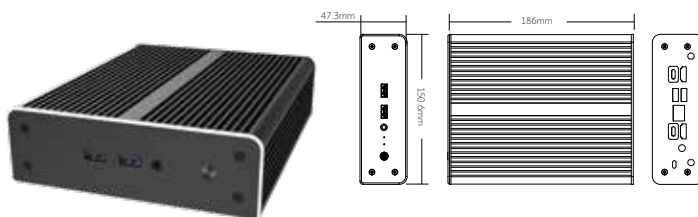
Premium Fanless Case for
ASUS NUC 13 Pro (Arena Canyon)

- Solid aluminium fanless cooling design
- Stylish cover panels with diamond effect
- Perfect for home, business and commercial applications
- Lay it or hang it with optional VESA mount

product code: A-NUC94-M1B

Compatible with:

NUC13L5Bi3 / NUC13ANBi3 / NUC13ANKi3 / NUC13L3Hi3 / NUC13L3Ki3 / NUC13ANKi30WC
NUC13L5Bi5 / NUC13ANBi5 / NUC13L5Bi5 / NUC13ANBi5 / NUC13ANKi5 / NUC13L3Hi5 / NUC13L3Ki5 / NUC13ANKi50WC
NUC13L5Bi7 / NUC13ANBi7 / NUC13ANKi7 / NUC13L3Hi7 / NUC13L3Ki7 / NUC13ANKi70QC



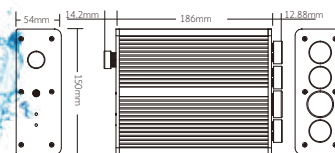
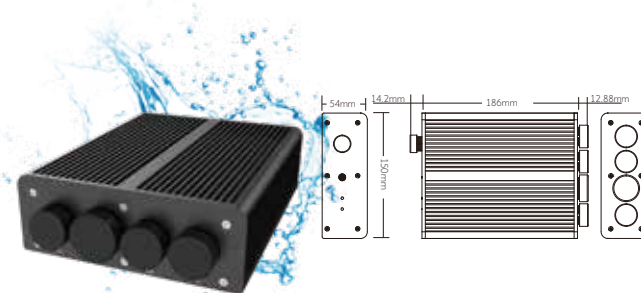
front USB Type-A	support 2.5" SATA HDD/SSD	Kensington lock	UCFF 4" X 4"	Antenna fitting hole	1.3L Volume
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Newton AC3

Compact Fanless Case for
ASUS NUC 13 Pro Core™ i3 (Arena Canyon)

- Aluminium fanless CPU cooling design
- Support 2.5" SATA HDD/SSD
- Stylish front panel diamond effect

product code: A-NUC96-M1B



IP65	support 2.5" SATA HDD/SSD	UCFF 4" X 4"	1.7L Volume
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Pascal AC3

Compact 1.7L IP65 Waterproof Fanless Case
for ASUS NUC 13 Pro Core™ i3 (Arena Canyon)

- Aluminium fanless CPU cooling design
- Power adapter cable, USB 3.0, HDMI cable & network cable included (length: 2m)

product code: A-NUC97-M1B

Compatible with:

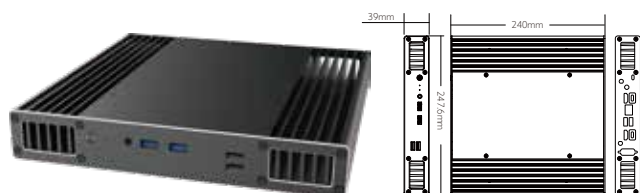
NUC13L5Bi3 / NUC13ANBi3 / NUC13ANKi3 / NUC13L3Hi3 / NUC13L3Ki3 / NUC13ANKi30WC

Fanless Cases for Asus NUC 12 Pro (Wall Street Canyon)

Intel Platform

Designed for

ASUS
NUC



front USB 3.0 X2	front USB 2.0 X2	support 2.5" SATA HDD/SSD	support serial port	Antenna fitting hole	Kensington lock	UCFF 4" X 4"	VESA mounting
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Plato WS

Slim Fanless Case for ASUS NUC 12 Pro (Wall Street Canyon)

- Aluminium fanless CPU cooling design
- Stylish front cover with diamond edge effect

product code: A-NUC85-M1B



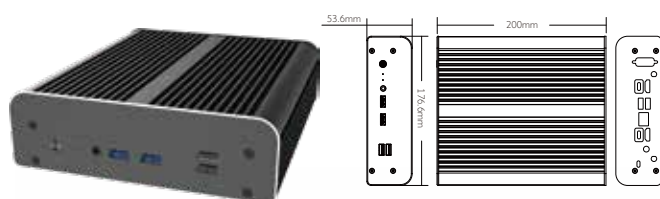
front USB Type-A	support 2.5" SATA HDD/SSD	Kensington lock	UCFF 4" X 4"	Antenna fitting hole
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Turing WS

Contemporary Fanless Case for ASUS NUC 12 Pro (Wall Street Canyon)

- Aluminium fanless CPU cooling design
- Stylish front cover with diamond edge effect

product code: A-NUC87-M1B



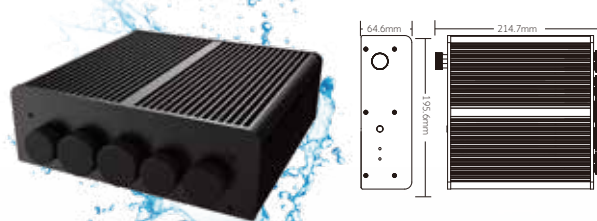
front USB 3.0 X2	front USB 2.0 X2	support 2.5" SATA HDD/SSD	support serial port	Antenna fitting hole	Kensington lock	UCFF 4" X 4"	VESA mounting
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Newton WS

Compact Fanless Case for ASUS NUC 12 Pro (Wall Street Canyon)

- Aluminium fanless CPU cooling design
- Stylish top cover with diamond effect

product code: A-NUC92-M1B



IP65	support 2.5" SATA HDD/SSD	UCFF 4" X 4"
------	---------------------------------	-----------------

Pascal TN

IP65 Fanless Case for Harsh Environments for ASUS NUC 12 Pro (Wall Street Canyon)

- Aluminium fanless CPU cooling design
- Power adapter cable, USB3.0 or USB2.0 cable, HDMI cable and network cable included (length: 2m)

product code: A-NUC67-A1B / A-NUC67-M1B

Compatible with:

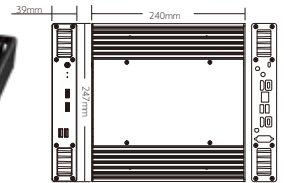
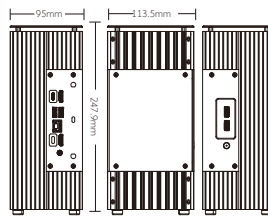
NUC12WSHv7 / NUC12WSKv7 / NUC12WSHv70Z / NUC12WSKv70Z / NUC12WSHi7 / NUC12WSKi7 / NUC12WSHv70Z / NUC12WSKi70Z / NUC12WSBv7 / NUC12WSBi7
NUC12WSHv5 / NUC12WSKv5 / NUC12WSHv50Z / NUC12WSKv50Z / NUC12WSHi5 / NUC12WSKi5 / NUC12WSHv50Z / NUC12WSKi50Z / NUC12WSBv5 / NUC12WSBi5
NUC12WSHv3 / NUC12WSKi3 / NUC12WSHv30Z / NUC12WSKi30Z / NUC12WSBi3

Fanless Cases for Asus NUC 11 Pro (Tiger Canyon)

Intel Platform

Designed for

ASUS
NUC



Turing TN

Compact fanless case for
ASUS NUC 11 Pro (Tiger Canyon)

- Aluminium fanless CPU cooling design
- Stylish top cover with diamond effect

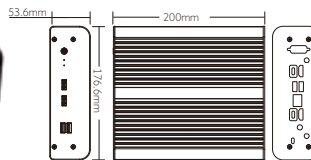
product code: A-NUC68-M1B

Plato TN

Low Profile Fanless Case for
ASUS NUC 11 Pro (Tiger Canyon)

- Aluminium fanless CPU cooling design
- Stylish top cover with diamond effect

product code: A-NUC65-M1B

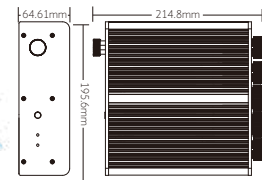


Newton TN

Small-Footprint Fanless Case for ASUS
NUC 11 Pro (Tiger Canyon)

- Aluminium fanless CPU cooling design
- Stylish top cover with diamond effect

product code: A-NUC63-M1B



Pascal TN

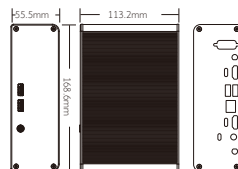
IP65 Fanless Case for Harsh Environments
for ASUS NUC 11 Pro (Tiger Canyon)

- Aluminium fanless CPU cooling design
- Power adapter cable, USB3.0 or USB2.0 cable, HDMI cable and network cable included (length: 2m)

product code: A-NUC67-M1B

Compatible with : the following ASUS NUC Board:

NUC11TNi3/i5/v5/i7/v7 Board/Kit/NUC11TNKi3 / NUC11TNHi3 / NUC11TNBi3/NUC11TNKi5 / NUC11TNHi5 / NUC11TNBi5/NUC11TNKi5 / NUC11TNHv5 / NUC11TNBv5/NUC11TNKi7 / NUC11TNHi7 / NUC11TNBi7/NUC11TNKi7 / NUC11TNHv7 / NUC11TNBv7

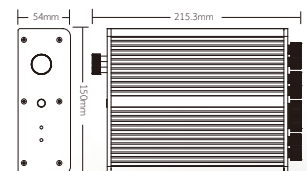


Newton CTN

Compact Fanless Case for ASUS
NUC 11 Pro (Tiger Canyon) Core™ i3

- Aluminium fanless CPU cooling design
- Stylish front panel with diamond effect

product code: A-NUC75-M1B



Pascal CTN

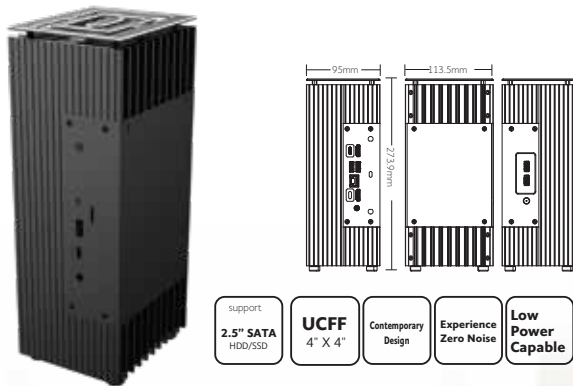
IP65 Fanless Case for Harsh Environments for
ASUS NUC 11 Pro (Tiger Canyon) Core™ i3

- Aluminium fanless CPU cooling design
- Power adapter cable, USB3.0 or USB2.0 cable, HDMI cable and network cable included (length: 2m)

product code: A-NUC70-M1B

Compatible with : the following ASUS NUC Board:

NUC11TNi3 Board/Kit capped at 16W TDP / NUC11TNKi3 / NUC11TNHi3 / NUC11TNBi3

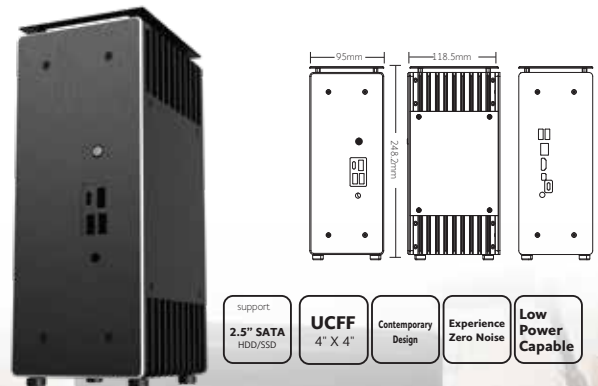


Turing A50 MKII

Contemporary & compact fanless case for ASUS® PN51/50 Mainboards featuring 5000 Series AMD Ryzen™ Processors and Radeon™ Vega 7 Graphics

- Solid aluminium fanless APU and VRM cooling design
- Stylish cover panels with diamond effect
- Positioned vertically or horizontally
- Perfect for home, business and commercial applications
- Suitable for up to Ryzen™ 7 4800U

product code: A-NUC62-M1BV2

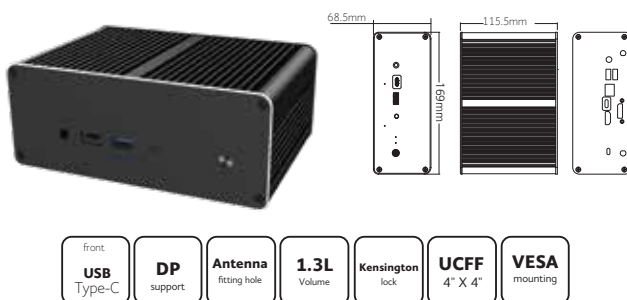


Turing ABX

Compact Fanless Case for Gigabyte BRIX Mainboards featuring 4000 Series AMD Ryzen™ Processors and Radeon™ Graphics

- Solid aluminium fanless APU and VRM cooling design
- Stylish cover panels with diamond effect
- Positioned vertically or horizontally
- Perfect for home, business and commercial applications
- Suitable for up to Ryzen™ 7 4800U

product code: A-NUC76-M1B

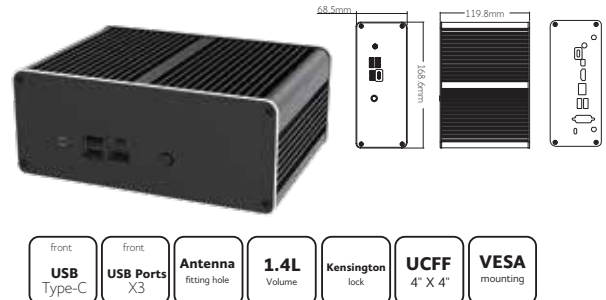


Newton A50

Ultra compact fanless case for ASUS® PN51 Mainboards featuring 5000 Series AMD Ryzen™ Processors and Radeon™ Vega 7 Graphics

- Aluminium fanless CPU cooling design
- Stylish front panel with diamond effect

product code: A-NUC78-M1B



Newton ABX

Ultra compact fanless case for Gigabyte BRIX mainboards featuring 4000 Series AMD Ryzen™ Processors and Radeon™ Graphics

- Aluminium fanless CPU cooling design
- Stylish front panel with diamond effect

product code: A-NUC79-M1B

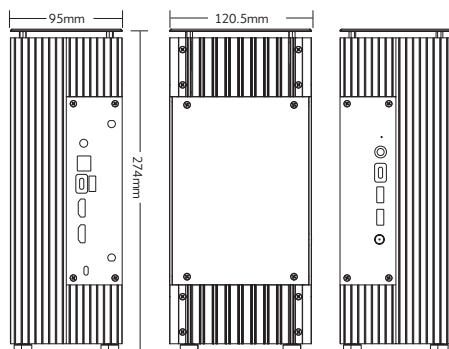


Turing Duo Pro

Contemporary Premium Fanless Case for Asus PN52/PN53 with AMD Ryzen™ processors and Asus PN64 with Intel Core™ processors

- Solid aluminium fanless cooling design
- Stylish cover panels with diamond effect
- Positioned vertically or horizontally
- Perfect for home, business and commercial applications
- Dual hi-efficient copper heatpipes

product code: A-NUC99-M1B



support 2.5" SATA HDD/SSD	UCFF 4" X 4"	Contemporary Design	Experience Zero Noise	Low Power Capable	TWO HP	Position Horizontally or Vertically
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Premium Compact Fanless Aluminium Case for Asus Tinker 3N Series

- Support for rich interfaces from the board
- Very compact at 0.55L
- Aluminium fanless cooling

product code: A-RA15-M2B

Active Case for Asus Tinker 3N Series

- Support for rich interfaces from the board
- Very compact at 0.55L
- Utilise the stock heatsink from the board

product code: PR-EC863



Skyline PRO

Striking Aluminium Fanless Case for ASUS Tinker Board 2 and 2S

- Black anodised case with skyline-like design on top
- Custom aluminium core and thermal pads silently cools the board
- Access to an array of connectors and headers

product code: A-RA11-M3B



Cases for Raspberry Pi

Credit Card Sized Boards

Pi-5 Pro

Five-star case and fanless cooling for Raspberry Pi 5

ACCESSORIES



DIN Rail Cover for Akasa Maker Board Cases

- Mount Akasa Maker Board Cases to DIN rail
- Expanding their range of applications to industrial control or multiple cases installation.



VESA Mounting Cover for Akasa Maker Board Cases

- Mount Akasa Maker Board cases to the back of most displays or monitors supporting 100 x 100mm VESA mounting



Wall Mounting Kit for Akasa Maker Board Case

- Mounting brackets allows Akasa Maker Board Cases to be mounted on the wall



- Top cover heatsink design
- Customised thermal kit with heatsink top, conducts heat away from key hot zones on the Raspberry Pi 5
- Easy easy to GPIO pininputs and all connectors

product Code: A-RA13-M2B

Fanless Cases for Raspberry Pi 4

Pi 4



Maze Pro

Striking Aluminium Fanless Case with Power Button and Thermal Kit

- Black anodised case with striking maze design on top
- Embedded dual aluminium core silently cools the Raspberry Pi 4
- Convenient reprogrammable power button
- Full I/O opening support including GPIO cover and SD card slot

product code: A-RA10-M1B / A-RA10-M2B



Gem Pro

Contemporary Aluminium Fanless Case with Thermal Kit

- Silver case with striking gem-like design on top
- Customised thermal kit with heatsink top cover conducts heat away GPU and USB 3.0 chipset.
- Full I/O support including GPIO, microSD, Ethernet, USB, camera and display connectors

product code: A-RA09-M2S

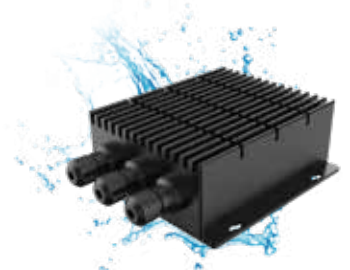


Pi-4 Pro

Aluminium Fanless case with Thermal Kit

- Top cover heatsink design
- Customised thermal kit with heatsink top cover conducts heat away GPU and USB 3.0 chipset.
- Full I/O support including GPIO, microSD, Ethernet, USB, camera and display connectors

product code: A-RA08-M2B



Pascal Pi

Premium IP65 Forged Fanless Case with Connectors

- Custom thermal kit with finned shell to conduct heat away from the key hot zones
- IP65 connectors and cables

product code: A-RA12-M1B

OEM / ODM - Expandable Raspberry Pi Case Solutions

Aluminium fanless CPU die cooling design
Space for additional Pi HAT / daughter boards / 2.5" HDD
Optional DIN rail or VESA mounting

dimension: 36.0 x 165.0 x 101.5 mm
product code: PR-EC607

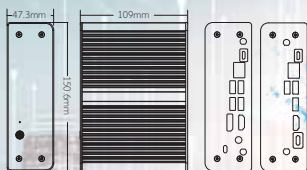
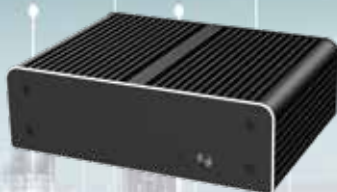
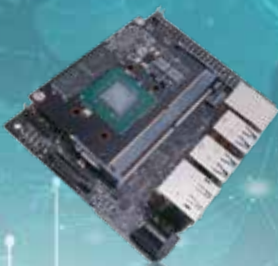


dimension: 91.6 x 61.1 x 14.4 mm
product code: A-ITC050-M1B



NVIDIA® Jetson Nano™ Developer Kit

The power of modern AI for makers and embedded developers.



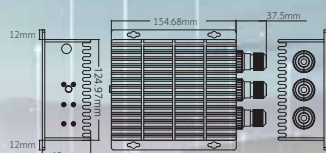
- Premium Aluminium
- Compact 0.8L
- Easy Installation
- Antenna fitting hole
- Kensington lock

Machina N

Contemporary styled aluminium fanless case for NVIDIA® Jetson Xavier NX™ & Nano™ Developer Kits

- Extremely compact and robust
- Easy access to ports

product code: A-NVD01-M1B



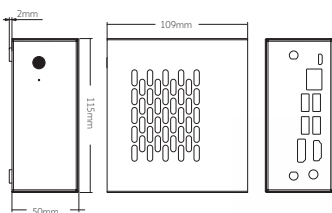
- Premium Aluminium
- Compact 0.95L
- Easy Installation
- Wi-Fi Window

Pascal N

IP65 rated fanless case for NVIDIA® Jetson Xavier NX™ & Nano™ Developer Kits

- Extremely compact and robust
- Waterproof LAN, USB and Power cables included

product code: A-NVD02-M1B



Cypher N

Value Contemporary Active Case for NVIDIA® Jetson Nano™ Developer Kit

product code: A-NVD03-M1B



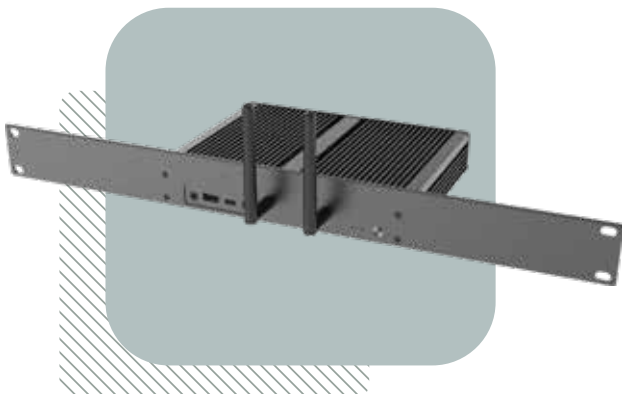
Aluminium fanless case for the new industrial & long-life Kontron K3921 series, designed for up to 10W TDP

- Aluminium fanless CPU cooling design
- Small volume of 1.07L
- Optional 1U rackmount panels, wall and DIN rail mounting bracket
- Designed for:
 - K3921-N mSTX / N1:
Intel® Processor N50 (2C/6W) SoC
 - K3921-N mSTX / N4:
Intel® Processor N200 (4C/6W) SoC
 - K3921-H mSTX / H1:
Intel® Processor N100 (4C/6W) SoC

Product Code: A-ITC112-M1B

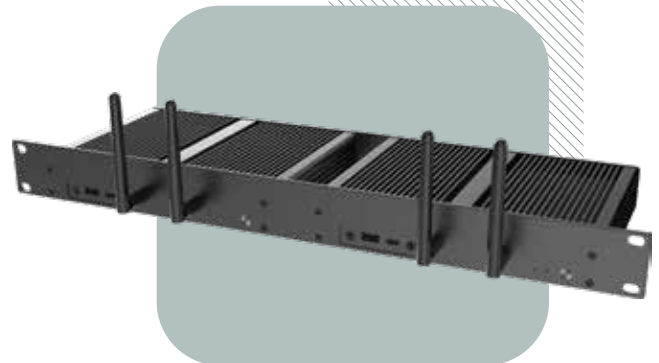


Optional 1U Rack Mountable Panels



Designed to mount one case

Product Code: A-ITC112-FP1



Designed to mount two cases

Product Code: A-ITC112-KT1

Fanless Cases for Thin Mini-ITX (Intel LGA1700)

(Thin)
Mini-ITX



front USB 3.0 X2	front USB 2.0 X2	support 2.5" SATA HDD/SSD X2	kensington lock	Heatpipe	Thin Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	support serial port
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Galileo T Plus Slim fanless Thin Mini-ITX case

- Aluminium fanless CPU cooling design
- Ideal for business and education environments
- Stylish front panel diamond edge finish
- Two bays for 2.5" SATA HDD/SSD
- Support one serial port
- Backwards compatible with LGA1200 & 115X

product code: A-ITX50-M1B



front USB 3.0 X2	front USB 2.0 X2	PCI-E slot	2.5" SATA mobile tray X2	Heatpipe	Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	kensington lock
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Galileo TU Plus 1U Fanless Thin mini-ITX case

- Aluminium fanless CPU cooling design
- Support for CPU's up to 35W TDP
- Two internal 2.5" HDD / SSD bay
- Backwards compatible with LGA1200 & 115X
- Two bay 2.5" SATA mobile tray
- Support one PCI-E slot (8X)
- Optional rackmount front panel

product code: A-ITX51-M1B

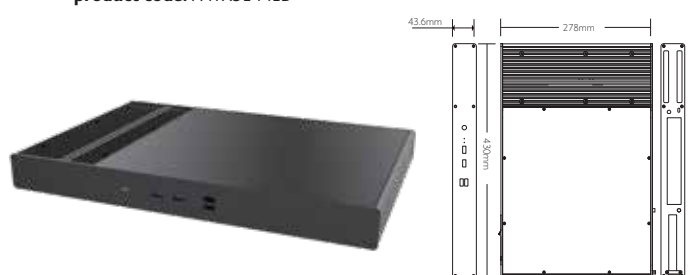


front USB 3.0 X2	front USB 2.0 X2	PCI-E slot	2.5" SATA mobile tray X2	Heatpipe	Thin Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	kensington lock
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Galileo TU1 Plus 1U fanless Thin Mini-ITX case

- 1U rackmount fanless Thin Mini-ITX case
- Aluminium fanless CPU cooling design
- Two internal 2.5" HDD / SSD bay
- Two bay 2.5" SATA mobile tray
- Support one PCI-E slot (8X)
- Backwards compatible with LGA1200 & 115X

product code: A-ITX52-M1B



front USB 3.0 X2	front USB 2.0 X2	PCI-E slot	Heatpipe	Thin Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	kensington lock
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Galileo TU2 Plus 1U Fanless Thin mini-ITX case

- 1U high fanless Thin Mini-ITX case
- Aluminium fanless CPU cooling design
- Four internal 2.5" HDD / SSD bay
- Support one PCI-E slot (8X)
- Backwards compatible with LGA1200 & 115X

product code: A-ITX53-M1B



front USB 3.0 X2	front USB 2.0 X2	PCI-E slot	Heatpipe	Thin Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	kensington lock
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Galileo TU3 Plus 1U fanless Thin Mini-ITX case

- 1U rackmount fanless Thin Mini-ITX case
- Aluminium fanless CPU cooling design
- Four internal 2.5" HDD / SSD bay
- Support one PCI-E slot (8X)
- Backwards compatible with LGA1200 & 115X

product code: A-ITX54-M1B



front USB 2.0 X4	support 2.5" SATA HDD/SSD	kensington lock	Thin Mini-ITX 6.7" X 6.7"	VESA mounting	Antenna fitting hole	support serial port
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Euler TX Plus Small Footprint Thin Mini-ITX case

- Aluminium fanless CPU cooling design
- Ideal for business and education environments

product code: A-ITX49-M1B

Fanless Cases for Thin Mini-ITX (Intel LGA1700)

(Thin)
Mini-ITX

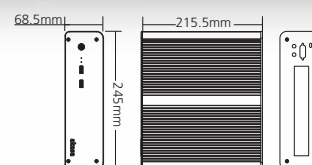
Euler T Plus



Fanless Thin Mini-ITX Case for Intel® LGA1700

- Premium aluminium fanless CPU cooling design
- Supports one serial port
- Ideal for business and education environments
- Optional 120W, 19V external power adapter
- Suitable for VESA mounting

product code: A-ITX57-M1B



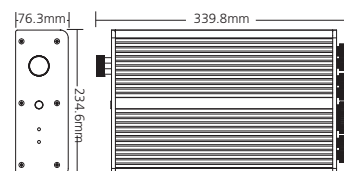
Pascal TX Plus



IP65 waterproof Fanless Case with Modular Connectors for Intel® Thin Mini-ITX LGA1700

- Premium aluminium fanless CPU cooling design
- Modular connectors provide better waterproof and easy installation.
- Included 2m cables: Power adapter, USB 3.0, HDMI, & Network cables
- Suitable for VESA mounting

product code: A-ITX58-M1B



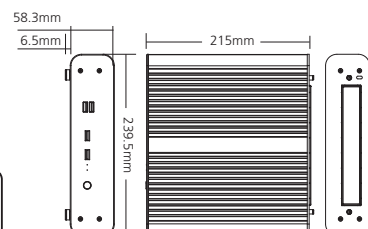
Euler CTX Plus



Low Profile Thin Mini-ITX Case for Intel LGA1700

- Premium aluminium fanless CPU cooling

product code: A-ITX60-M1B



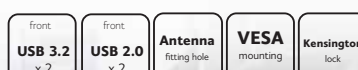
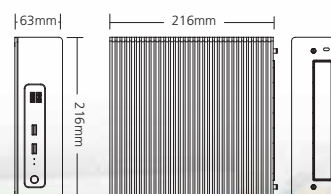
Hawking CT



Compact Thin Mini-ITX Case for Intel LGA1700

- Premium aluminium fanless CPU cooling

product code: A-ITX59-M1B



Active Cases for Thin Mini-ITX

(Thin)
Mini-ITX

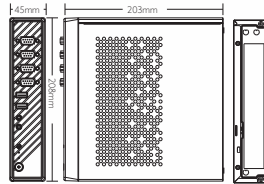
Compact Thin Mini-ITX Case with Four USB/Serial Ports

- Active thin mini-ITX case
- Ultra compact, less than 2L volume
- 4 front-facing serial port openings and 2 USB 2.0 ports (A-ITX39-M1B)
- 2 front-facing USB 3.0 ports and 2 USB 2.0 ports (A-ITX38-M1B)

- VESA mountable
- Top and side vents for maximum airflow
- Constructed using sturdy 0.8mm SGCC steel

Cypher SPX

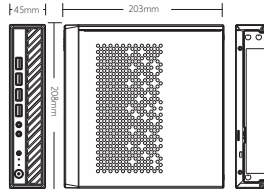
product code: A-ITX39-M1B



front USB 2.0 x 2	support 2.5" SATA HDD/SSD	support Audio Jacks	Thin Mini-ITX 6.7" X 6.7"
support serial port x4	VESA mounting	Intel® LGA1700 Support	12th/11th Gen SoC Support

Cypher MX3

product code: A-ITX38-M1B



front USB 3.0 x 2	front USB 2.0 x 2	support 2.5" SATA HDD/SSD	support Audio Jacks	Thin Mini-ITX 6.7" X 6.7"
VESA mounting	Antenna fitting hole	Intel® LGA1700 Support	12th/11th Gen SoC Support	



Compatible Low Profile CPU Coolers



- Lo-profile CPU cooling at 26mm height
- Embedded 75mm PWM fan with long life Enter bearing
- New and easy mounting design
- Multi-directional fins and larger core for maximum system cooling
- Designed for low-powered T-series processors up to 35W TDP

product code: AK-CC6601EP01



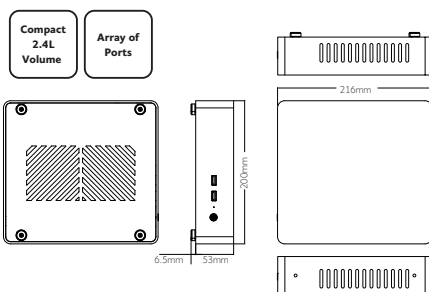
- Ultra lo-profile CPU cooling at 22mm height
- Embedded 75mm PWM fan with long life Enter bearing
- Secured mounting with metal screw and backplate
- Multi-directional fins and larger core for maximum system cooling
- Designed for low-powered T-series processors up to 35W TDP

product code: AK-CC6609EP01

Cypher MX4

Elegant building block for a compact and powerful desktop PC.

product code: A-ITX62-M1B



Fanless Cases for Mini-ITX (Intel LGA1700)

Mini-ITX



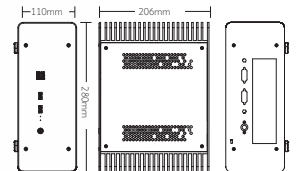
Maxwell Pro Plus

- Blending advanced passive cooling engineering and modern design to create a premium, silent and compact case for Mini-ITX boards.

Fanless Mini-ITX case

- Supports Intel® and AMD boards with common desktop processors up to 65W TDP.
- The perfect choice for gaming, HTPCs & audiophile environments.

product code: A-ITX48-M2B



front USB 3.0 X2	front USB 2.0 X2	supports 2.5" SATA HDD/SSD X2	supports serial port X2	Antenna fitting hole	Optional DC to DC adapter	Mini-ITX 6.7" X 6.7"	Intel® LGA1700 Support	AMD AM5 Support
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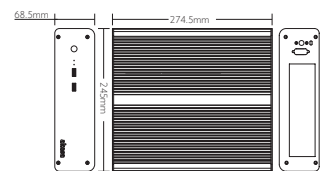
Euler M

- Aluminium fanless CPU cooling design
- Stylish front panel diamond edge finish
- Optional 80W external power adapter

Fanless Mini-ITX case for Industrial-Series motherboards

- Supported Industrial Motherboards
- Kontron D3633-S
 - Kontron D3634-S
 - Asrock IMB-1220-D
 - Asrock IMB-1220-L
 - Asrock IMB-1225

product code: A-ITX19-M1BV2



front USB 3.0 X2	2.5" SATA HDD/SSD X2	Mini-ITX 6.7" X 6.7"	VESA mounting	DC to DC adapter
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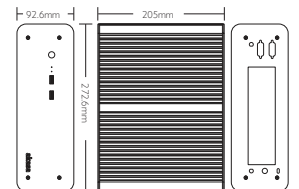
Euler MX Plus

- Aluminium fanless CPU cooling design
- Stylish front panel diamond edge finish
- Optional 80W external power adapter

Fanless Case with Support for Intel® Consumer and Industrial Mini-ITX Boards

- Supported consumer & industrial motherboards
- ASUS Prime H610I-Plus D4
 - Gigabyte H610I DDR4
 - Asrock H610M-ITX/AC
 - Kontron K3833-Q1
 - Asrock IMB-1231

product code: A-ITX56-M1B



front USB 3.0 X2	support 2.5" SATA HDD/SSD X2	kensington lock	Mini-ITX 6.7" X 6.7"	support serial port	VESA mounting
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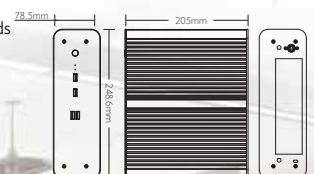
Euler CMX

- Premium aluminium fanless CPU cooling

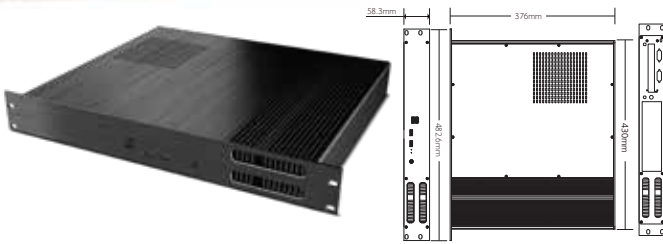
Low Profile Mini-ITX Case for Intel LGA1700

- Supported consumer & industrial motherboards
- ASUS Prime H610I-Plus D4
 - Gigabyte H610I DDR4
 - Asrock H610M-ITX/AC
 - Kontron K3833-Q1
 - Asrock IMB-1231

product code: A-ITX61-M1B



front USB 3.0 X2	Mini-ITX 6.7" X 6.7"	VESA mounting	DC to DC adapter
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Galileo MU3

1.5U Rackmount
fanless Mini-ITX case

- 1.5U rackmount chassis
- Aluminium fanless CPU cooling design
- Four internal 2.5" HDD/SSD bay
- Support one PCI-E slot (16X)
- Optional DC to DC internal power adapter
- Optional pico power adapter
- Optional 120W external power adapter

product code: A-ITX33-M1B

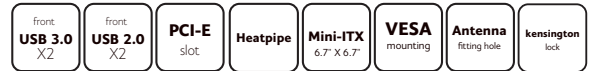
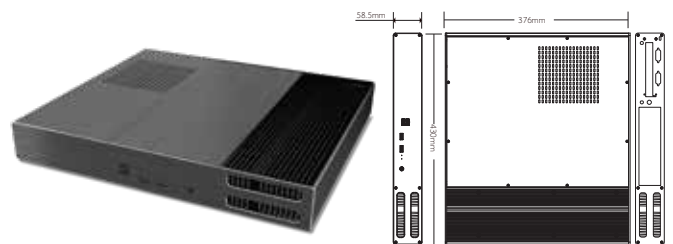


Galileo MU1

1.5U Rackmount
fanless Mini-ITX case

- 1.5U rackmount chassis
- Aluminium fanless CPU cooling design
- Two internal 2.5" HDD/SSD bay
- Two bay 2.5" SATA mobile tray
- Support one PCI-E slot (16X)
- Optional DC to DC internal power adapter
- Optional pico power adapter
- Optional 120W external power adapter

product code: A-ITX31-M1B

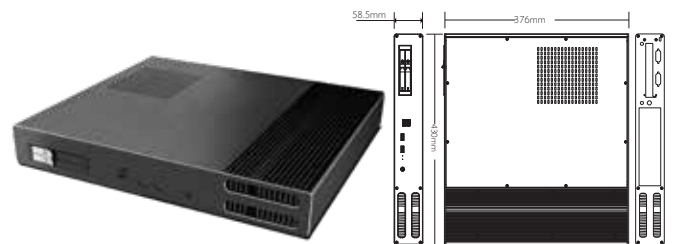


Galileo MU2

1.5U fanless
Mini-ITX case

- Aluminium fanless CPU cooling design
- Four internal 2.5" HDD/SSD bay
- Support one PCI-E slot (16X)
- Optional DC to DC internal power adapter
- Optional pico power adapter
- Optional 120W external power adapter

product code: A-ITX32-M1B



Galileo MU

1.5U fanless
Mini-ITX case

- Aluminium fanless CPU cooling design
- Two internal 2.5" HDD/SSD bay
- Two bay 2.5" SATA mobile tray
- Support one PCI-E slot (16X)
- Optional DC to DC internal power adapter
- Optional pico power adapter
- Optional 120W external power adapter

product code: A-ITX30-M1B



Active Case - OEM / ODM Solutions

- Custom IPC case manufactured by NCT
- Optional fan, guards and mobile rack included
- Requires lower MOQ



Medical Chassis Solutions

- Scalable medical coating
- Customisable for NUC and Thin Mini-ITX



Heat Sinks, Heat Spreaders and Closed-Looped Coolers

General Purpose Custom Heat Sinks



Features

- Highly optimised cooling from highly density copper fins offered by skived fin manufacturing
- Optimised and value cooling offered by extruded heat sink profiles
- OEM/ODM service available for specific application and requirements

Specification

- Dimensions : Customisable
- Material : Aluminium, Copper
- Profile : Square, Round, Rectangular, Customisable
- Manufacturing : Skived Fin, Extrusion Heat Sink

LED Custom Heat Sinks



Features

- Round pins minimise resistance to incoming air streams
- Omni-directional pins as incoming air streams can enter from all directions
- Standard and OEM/ODM tooling available for specific application and requirements

Specification

- Dimensions : Customisable
- Material : Aluminium
- Profile : Square, Round, Rectangular
- Manufacturing : Cold forging

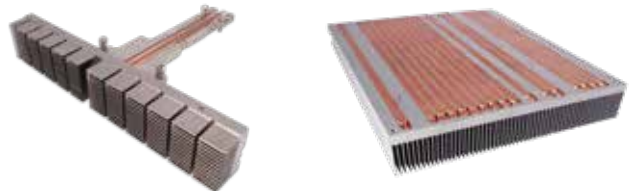
High-Powered Custom Heat Spreaders

Features

- Embedded copper heat pipes into a heat sink so that heat is spread uniformly
- Standard and OEM/ODM service available for specific application and requirements

Specification

- Dimensions : Customisable
- Material : Aluminium, Copper
- Manufacturing : CNC-Machined Heat Sink, Skived Fin, Welding



Ultra-High Performance Cooler



Features

- Aluminium closed-loop Thermosyphon heat sink with refrigerant liquid offering ultra high performance capability
- Smart PWM fan ensures the exchange of air between the cooling fins
- Standard and OEM/ODM service available for specific application and requirements

Specification

- Dimensions : Customisable
- Material : Aluminium, Nickel
- Manufacturing Technology : Brazing, Vacuum, Charging

Power Adapters for Compact Cases



120W, 19V Mini-ITX AC-to-DC Power Adapter

- Max output 120W
- Fanless design
- 7.4mm / 5.0mm barrel power jack
- Single 19V rail 6.32A
- Product Code: AK-PD120-03M



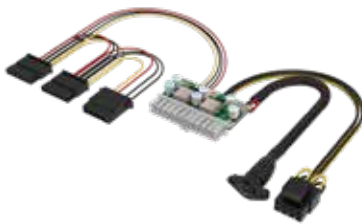
90W or 120W, 19V NUC and Mini-ITX AC-to-DC Power Adapter

- Max output 90W/120W
- Fanless design
- 5.5mm / 2.5mm barrel power jack
- Single 19V rail
- Product Code:
AK-PD090-01M (90W model)
AK-PD120-04M (120W model)



150W, 12V Mini-ITX AC-to-DC Power Adapter with 4P Power DIN

- Maximum output 150W
- Fanless design
- High efficiency
- 4-pin male DIN connector
- Single 12V rail 12.5A
- Product Code: AK-PD150-02K



200W DC-to-DC ATX Adapter with 4-pin Power DIN

- Compact design supports Small Form Factor chassis
- Directly plug into ATX 24-pin connector
- High efficient power transfer
- Over power and over voltage protection
- Product Code: AK-PE200-01



84W, 12V Mini-ITX AC-to-DC Power Adapter

- Max output 84W
- Fanless design
- 5.5mm / 2.5mm barrel plug
- Single 12V rail 7A
- Product Code: AK-PD080-02M



80W DC-to-DC ATX Adapter

- Compact design supports Small Form Factor chassis
- Directly plug into ATX 24-pin connector
- High efficient power transfer
- Over power and over voltage protection
- Product Code: AK-PE080-03