

INFOTAINMENT SOLUTION BROCHURE

QUANMAX, ALWAYS THE RIGHT WAY WITH EMBEDDED FUTURE



- ❖ Multi-media Players
- ❖ Fanless Embedded Box PCs
- ❖ OPS Compliant BOX PCs
- ❖ Open Frame Panel PCs



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About Quanmax

Founded in 1999 and headquartered in Taipei, Taiwan, Quanmax is committed to be your trustworthy partner in supplying quality industrial and commercial computing systems. With extensive industrial computing experience, a talented R&D team and an exceptional service quality model, Quanmax leverages on these capabilities to deliver products that surpass customer expectations. These core strengths have enabled its customers to come up with impactful solutions and win projects in various areas.

Quanmax's business can be divided into four categories:

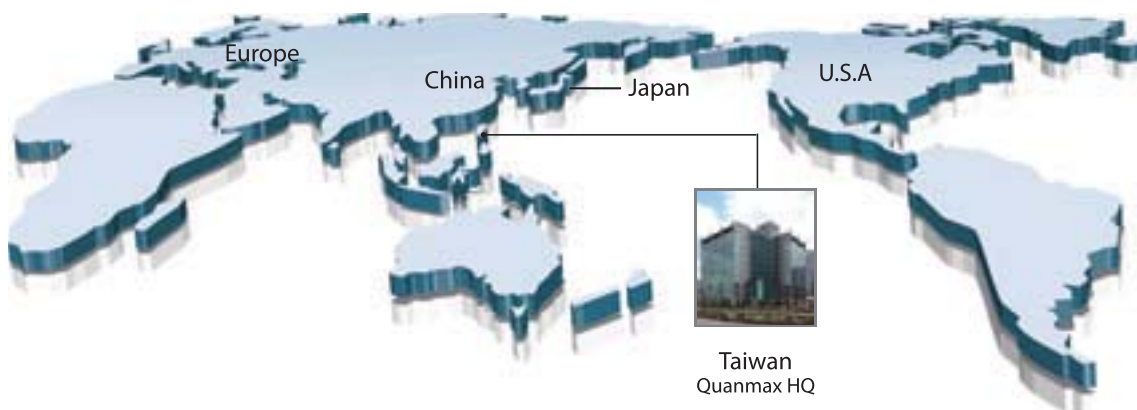
- Motherboards (3.5" SBC / Mini-ITX / ATX / Com-Express / SMARC)
- Infotainment (Digital Signage / KIOSK / Gaming)
- Automation (Factory / Machine / Office / Home Automation)
- IoT

Our strategic deployment enables Quanmax to offer quality product at the time-to-market, time-to-solution and service-to-market without having to compromising in cost.

In addition, Quanmax also offers competitive world-class service networks by providing customized service, global logistics, local access, and real-time support covering three continents - Asia, Europe to America. As such Quanmax is able to fulfill customers' requirements and work closely with global partners in different regions.

Corporate Mission

- A Leading Innovative Supplier in Vertical Application Markets
- A Quality Partner in Engineering, Manufacturing, and Services



Business Strategy

In response to new technologies / applications and desires for a more comprehensive solution, Quanmax has made a clear set of strategic priorities which are:

- Cultivating vertical markets and developing a total solution
- Enhancing value chain integration
- Developing long-term relationship with customers.

Our business strategy positions us well to manage the challenges and leverage the opportunities to make a significant and sustained contribution to embedded computing.

Research and Development

Research and development at Quanmax follows two guiding principles when developing new products / solutions:

- Developing a variety of both standard and customized solutions
- Innovating more software integrated solutions

As such Quanmax can always launch appropriate products in accordance with each market segment or even more than expected.

Production Quality and Manufacturing Efficiency

With years of investment on advanced equipments and experience in manufacturing techniques / practices, Quanmax is able to offer flexible, time-efficient, cost-effective and quality-assured production services based on following criteria:

- different levels of quantity and quality requirements, and
- individual-specific production for customized specifications / requirements.

Milestone



Solutions for Infotainment

Audio / video-based infotainment applications become more and more prevalent in today's world. In shopping malls, airports, hospitals, banks, public transportation systems, street corners or even in casinos, people are surrounded by high-definition multi-media from digital signage, billboards, kiosks or similar media in their daily lives. The engine to make this possible is a powerful platform equipped with a capable-enough computing / graphics processor and sufficient-enough peripheral expansion.



Quanmax offers a variety of embedded computing platforms / solutions to secure information-based media content or programming in infotainment applications. The portfolio includes Multi-media Players (QDSP & QutePC Series), Embedded Box PCs (QBOX & KUBE Series), Open Pluggable Specification Compliant Multi-media Players (OPS Series) and Open Frame Panel PCs (OPC Series) at all levels, from entry to professional, in order to satisfy various specific needs.

KIOSK



Digital Signage



Education



Gaming



BOX PC - Multi-media Player



Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Series	QDSP-6000 Series	QDSP-5000 Series	QDSP-2090 Series	QDSP-2080 Series
Model	QDSP-6000/6001	QDSP-5000/5004/5005	QDSP-2090/2091	QDSP-2080/208B/208C/208D
CPU	4th Core i3-4010U / i5-4300U	i7-3517UE / Celeron 1037U / Celeron 1047UE	4th Core i3 / i5 / i7	4th Core i3,i5,i7
CPU Socket	BGA	BGA	PGA	PGA
Chipset	-	QM77 / HM76	H81 / Q87	QM87 / HM87
Memory	2 x DDR3/L up to 16GB	2 x DDR3 up to 16GB	2 x DDR3 up to 16GB	2 x DDR3/L up to 16GB
Cooling	Passive	Passive	Active	Active
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	-	-	-	-
Micro SD	-	-	-	-
mSATA	1	1	- / 2 (mixed w/ mPCIe)	2 (mixed w/ mPCIe)
VGA	-	-	-	- / 1
DVI-I/ DVI-D	-	-	1 x DVI-I	1 x DVI-I / -
HDMI	2	1	-	2 / 1
Display Port	-	2	2	- / 2
USB 2.0	2	2	4 / -	-
USB 3.0	4	4	2 / 6	6
Mini USB	-	-	-	-
eSATA/ USB 2.0 Combo	-	1	-	-
eSATA	1	-	-	-
RS232/422/485	2	2	1	1
RS232	-	-	-	-
Digital I/O	-	-	-	-
Parallel Port	-	-	-	-
Audio	Mic-in & Line-in/out	Mic-in & Line-in/out	Mic-in & Line-in/out	Mic-in & Line-in/out
S/PDIF	1	1	1	1
LAN Port	2	2	2	2
Mini-PCIe	2	2	2	2
SIM card Holder	On board	On board	On board	On board
Expansion	-	-	-	-
Mounting	VESA Mount	VESA Mount	VESA Mount	VESA Mount
Power Input Range	DC 19V	DC 19V	DC 19V	DC 19V
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Dimension (WxDxH)	220x153x38 mm	220x153x38 mm	200x153x35 mm	200x153x35 mm

All specifications and photos are subject to change without notice

BOX PC - Multi-media Player



Series	QDSP-2070 Series	QDSP-2060 Series	QDSP-2000 Series
Model	QDSP-2070/207B	QDSP-2060/206B	QDSP-2000/2010
CPU	3rd Core i3/i5/i7	2nd Core i3,i5,i7	4th Core i3-4010U / i5-4300U
CPU Socket	PGA	PGA	BGA
Chipset	QM77/HM76	QM67 / HM65	-
Memory	2 x DDR3 up to 16GB	2 x DDR3 up to 16GB	1 x DDR3/L up to 8GB
Cooling	Active	Active	Active
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	1	1	-
Micro SD	-	-	-
mSATA	-	-	1 (mixed w/ mPCIe)
VGA	-	-	-
DVI-I/ DVI-D	1 x DVI-I	1 x DVI-I	1 x DVI-D
HDMI	1	1	1
Display Port	1	1	-
USB 2.0	1	4	2
USB 3.0	4	1	4
Mini USB	-	-	-
eSATA/ USB 2.0 Combo	1	1	-
eSATA	-	-	-
RS232/422/485	1	1	-
RS232	-	-	-
Digital I/O	-	-	-
Parallel Port	-	-	-
Audio	Mic-in & Line-in/out	Mic-in & Line-in/out	Mic-in & Line-out
S/PDIF	1	1	-
LAN Port	2	2	2
Mini-PCIe	2	2	1
SIM card Holder	On board	On board	Optional
Expansion	-	-	-
Mounting	VESA Mount	VESA Mount	VESA Mount
Power Input Range	DC 19V	DC 19V	DC 19V
Operation Temp.	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 50°C
Dimension (WxDxH)	200x153x35 mm	200x153x35 mm	130x111x35 mm

All specifications and photos are subject to change without notice

BOX PC - Multi-media Player



Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Series	QDSP-1000	QDSP-200 Series	QDSP-100	QutePC-5000 Series
Model	QDSP-1000	QDSP- 200/210	QDSP-100	QutePC-5000/5001
CPU	Celeron 1037U	Bay Trail Atom E3825 / Celeron J1900	Atom D2550	4th Core i3-4010U / i5-4200U
CPU Socket	BGA	BGA	BGA	BGA
Chipset	NM70	-	NM10	-
Memory	1 x DDR3 up to 8GB	1 x DDR3L up to 4/8GB	1 x DDR3 up to 4GB	1 x DDR3/L up to 8GB
Cooling	Active	Active	Active	Active
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD / SSD	1 x 2.5" HDD / SSD	1 x 2.5" HDD/SSD
CF Socket	-	-	-	-
Micro SD	-	1 / -	-	-
mSATA	-	-	-	1 (mixed w/ mPCIe)
VGA	-	1	1	-
DVI-I/ DVI-D	-	-	-	1 x DVI-D
HDMI	1	1	1	1
Display Port	2	-	1	-
USB 2.0	6	2	4	2
USB 3.0	-	1	-	4
Mini USB	-	-	-	-
eSATA/ USB 2.0 Combo	-	-	1	-
eSATA	-	-	-	-
RS232/422/485	-	1	-	-
RS232	-	-	-	-
Digital I/O	-	-	-	-
Parallel Port	-	-	-	-
Audio	-	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
S/PDIF	1	-	-	-
LAN Port	2	1	1	2
Mini-PCIe	1	1	1	1
SIM card Holder	Optional	Optional	Optional	Optional
Expansion	-	-	-	-
Mounting	VESA Mount	VESA Mount	VESA Mount	VESA Mount / Cradle
Power Input Range	DC 19V	DC 19V	DC 19V	DC 19V
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Dimension (WxDxH)	130x111x35 mm	130x111x35 mm	130x111x35 mm	130x115x39 mm

All specifications and photos are subject to change without notice

BOX PC - Multi-media Player



Series	Qute PC-4000 Series	Qute PC-3000 Series	QutePC-1700 Series	Qute PC-1600
Model	QutePC-4000/4001	QutePC-3000/3001 /3100	QutePC-1700/1710/ 1720/1730	QutePC-1600
CPU	Celeron 1047UE/1037U	3th Core i3 / Celeron	BayTrail Atom E3825 / Celeron J1900 / J1800 / N2807	Atom D2550
CPU Socket	BGA	BGA	BGA	BGA
Chipset	HM76/ NM70	HM65	-	NM10
Memory	1 x DDR3 up to 8GB	1 x DDR3 up to 4GB	1 x DDR3L up to 4/8GB	1 x DDR3 up to 4GB
Cooling	Active	Active	Active	Active
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	-	-	-	-
Micro SD	-	-	1 / - / - / -	-
mSATA	-	-	-	-
VGA	-	1	1	1
DVI-I/ DVI-D	-	-	-	-
HDMI	1	1	1	1
Display Port	2	1	-	1
USB 2.0	2 / 6	4	2	4
USB 3.0	4 / -	-	1	-
Mini USB	-	-	-	-
eSATA/ USB 2.0 Combo	-	1	-	1
eSATA	-	-	-	-
RS232/422/485	-	-	1	-
RS232	-	-	-	-
Digital I/O	-	-	-	-
Parallel Port	-	-	-	-
Audio	-	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
S/PDIF	1	-	-	-
LAN Port	2	1	1	1
Mini-PCIe	1	1	1	1
SIM card Holder	Optional	Optional	Optional	Optional
Expansion	-	-	-	-
Mounting	VESA Mount / Cradle	VESA Mount / Cradle	VESA Mount / Cradle	VESA Mount / Cradle
Power Input Range	DC 19V	DC 19V	DC 19V	DC 19V
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Dimension (WxDxH)	130x115x39 mm	130x115x39 mm	130x115x39 mm	130x115x39 mm

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Multi-media Player

QDSP-6000 Series

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	QDSP-6000: Intel® Core™ i3-4010U QDSP-6001: Intel® Core™ i5-4300U
Memory	2x DDR3/L SO-DIMM up to 16GB
Storage	1x 2.5" HDD / SSD 1x mSATA
I/O Panel	1x eSATA 4x USB 3.0 2x USB 2.0 1x DC JACK 2x HDMI 2x GbE 2x COM (both with RS-232/422/485) 1x S/PDIF 2x WiFi external antennas 1x 3G external antenna 1x HDD LED 1x WiFi / 3G status LED 1x Push button for power on/off 1x External Power Button Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe slots 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	Fanless

Features

- 1 liter slim and compact fanless designed
- Intel® 4th Gen. Core™ i Processor
- Support 2x DDR3/L SO-DIMM up to 16GB
- Support 4x USB 3.0 with high speed data transmission
- Support Intel® TPM / iAMT (QDSP-6001)
- Support Dual storage
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

220 x 153 x 38 mm / 8.66" x 6.02" x 1.50"

Weight

1600 g / 3.53 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

QDSP-5000 Series



System

CPU	QDSP-5000: Intel® Core™ i7-3517UE QDSP-5004: Intel® Celeron® 1037U QDSP-5005: Intel® Celeron® 1047UE
Chipset	QDSP-5000: Intel® QM77 QDSP-5004 / 5005: Intel® HM76
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1x 2.5" HDD / SSD 1x mSATA
I/O Panel	1 x eSATA & USB 2.0 combo connector 4x USB 3.0 2x USB 2.0 1x DC JACK 1x HDMI 2x DP 2x GbE 2x COM (both with RS-232/422/485) 1x S/PDIF 1x Clear CMOS 2x WiFi external antenna 1x 3G external antenna 1x Power LED 1x HDD LED 1x WiFi / 3G status LED 1 x Push button for power on/off Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe slots 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	Fanless

Features

- 1 liter slim and compact fanless designed
- Intel® 3rd Gen. Core™ i / Celeron® Processor
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 4x USB 3.0 with high speed data transmission
- Support Intel® TPM / iAMT (QDSP-5000)
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module
- Support up to Triple-independent display / Dual storage

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

220 x 153 x 38 mm / 8.66" x 6.02" x 1.50"

Weight

1300 g / 2.87 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

Multi-media Player

QDSP-2090 Series

**NEW
PRODUCT**



QDSP-2091 Front I/Os



QDSP-2090 Front I/Os



QDSP-2090/1 Rear I/Os

System

CPU	4th Gen. Intel® Haswell Core™ i
Chipset	QDSP-2090: Intel® H81 QDSP-2091: Intel® Q87
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1x 2.5" HDD / SSD 2x mSATA (mixed w/ mPCIe, QDSP-2091)
I/O Panel	2x USB 3.0 (QDSP-2090) / 6x USB 3.0 (QDSP-2091) 4x USB 2.0 (QDSP-2090) 1x DC JACK 1x DVI-I 2x DP 2x GbE 1x COM (with RS-232/422/485) 1x S/PDIF 1x Clear CMOS 2x WiFi external antenna 1x 3G external antenna 1x Power LED 1x HDD LED 1x WiFi / 3G status LED 1 x Push button for power on/off Line-in & Line-out & Mic-in
Expansion	2x mPCIe slot (QDSP-2090) 2x mPCIe/mSATA (QDSP-2091) 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 1 liter compact sized design
- Intel® 4th Gen. Core™ i Processor
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 2x/6x USB3.0 with high speed data transmission
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module

Mechanical/Environmental

Construction

Metal

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

200 x 153 x 35 mm / 7.87" x 6.02" x 1.38"

Weight

1000 g / 2.20 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

Multi-media Player

QDSP-2080 Series



QDSP-2080/B/C/D Front I/Os



QDSP-2080/B Rear I/Os



QDSP-208C/D Rear I/Os

System

CPU	4th Gen. Intel® Core™ i3/i5/i7
Chipset	QDSP-2080/208C: Intel® QM87 QDSP-208B/208D: Intel® HM87
Memory	2 x DDR3/L SO-DIMM up to 16GB
Storage	1x 2.5" SATA HDD / SSD Up to 2x mSATA mixed with mPCIe
I/O Panel	6x USB 3.0 1x DC JACK 1x VGA (QDSP-208C/208D) 1x DVI-I (QDSP-2080/208B) 2x HDMI (QDSP-2080/208B) / 1x HDMI (QDSP-208C/208D) 2x DP (QDSP-208C/208D) 2x GbE 1x COM (with RS-232/422/485) Line-In, Line-Out, Mic-In 1x S/PDIF Output 2x Wifi external antennas 1x 3G external antenna 1x Reset Switch Rear I/O 1x Power Button (With Power LED) 1x HDD LED 1x Wifi / 3G status LED
Expansion	2x Mini PCIe slot 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 1 liter compact sized design
- Intel® 4th Gen. Core™ i Processor
- Support 2x DDR3/L SO-DIMM up to 16GB
- Support 6x USB3.0 with high speed data transmission
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module
- Support Intel® iAMT (Optional)

Mechanical/Environmental

Construction

Metal

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

200 x 153 x 35 mm / 7.87" x 6.02" x 1.38"

Weight

1000 g / 2.20 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

Multi-media Player

QDSP-2070 Series

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	3rd Gen. Intel® Core™ i3/i5/i7
Chipset	QDSP-2070: Intel® QM77 QDSP-207B: Intel® HM76
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1x 2.5" SATA HDD / SSD
I/O Panel	1x eSATA & USB 2.0 combo connector 1x CF Socket 4x USB 3.0 1x USB 2.0 1x DC JACK 1x DVI-I 1x HDMI 1x DP 2x GbE 1x COM (with RS-232/422/485) 1x S/PDIF 1x Clear CMOS 2x WiFi external antenna 1x 3G external antenna 1x Power LED 1x HDD LED 1x WiFi / 3G status LED 1x Push button for power on/off Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe slot 1x SIM card slot
OS Support	Windows XP / Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 1 liter compact sized designed
- Intel® 3rd Gen. Core™ i Processor
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 4x USB3.0 with high speed data transmission
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module
- Support Intel® iAMT (Optional)

Mechanical/Environmental

Construction

Metal

Temperature / Humidity

Operating: 0°C ~ 40°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

200 x 153 x 35 mm / 7.87" x 6.02" x 1.38"

Weight

1000 g / 2.20 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

QDSP-2060 Series



System

CPU	Intel® 2nd Core™ 2nd i3/i5/i7 Processor
Chipset	QDSP-2060: Intel® QM67 QDSP-206B: Intel® HM65
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1x 2.5" SATA HDD / SSD
I/O Panel	1x eSATA & USB 2.0 combo connector 1x CF Socket 1x USB 3.0 4x USB 2.0 1x DC JACK 1x DVI-I 1x HDMI 1x DP 2x GbE 1x COM (with RS-232/422/485) 1x S/PDIF 1x Clear CMOS 2x WiFi external antenna 1x 3G external antenna 1x Power LED 1x HDD LED 1x WiFi / 3G status LED 1x Push button for power on/off Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe slot 1x SIM card slot
OS Support	Windows XP / Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan



Features

- 1 liter compact sized designed
- Intel® 2nd Gen. Core™ i Processor
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 1x USB 3.0 with high speed data transmission
- Onboard 2x mini-PCIe slots support optional WiFi and 3G module
- Support Intel® iAMT (Optional)



Mechanical/Environmental

Construction	Metal
Temperature / Humidity	Operating: 0°C ~ 40°C Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	200 x 153 x 35 mm / 7.87" x 6.02" x 1.38"
Weight	1000 g / 2.20 lb
Mounting	VESA Mount
Certifications	CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Multi-media Player

QDSP-2000 Series

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OP9) Compliant Box PCs

Open Frame Panel PCs



System

CPU	4th Gen. Intel® Core™ i3-4010U / i5-4300U
Memory	1x DDR3/L SO-DIMM up to 8GB
Storage	1x 2.5" SATA HDD / SSD 1x mSATA (mixed w/ mPCIe)
I/O Panel	2x USB2.0 4x USB3.0 2x GbE 1x DVI-D 1x HDMI 1x Reset Button 1x External Power Button Support 1x Kensington Lock Support 1x Phone Jack for Line-Out & MIC-In 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- Intel® 4th Gen. Core™ i Processor
- Support 1x DDR3/L SO-DIMM up to 8GB
- Support 4x USB3.0 with high speed data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi or 3G module
- Support up to double-independent displays

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 111 x 35 mm / 5.12" x 4.37" x 1.38"

Weight

440 g / 0.97 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

QDSP-1000 Series



System

CPU	Intel® Celeron® 1037U Processor
Chipset	Intel® NM70
Memory	1x DDR3 SO-DIMM up to 8GB
Storage	1x 2.5" SATA HDD / SSD
I/O Panel	6x USB2.0 1x S/PDIF 1x DC JACK 2x GbE ports 2x DP 1x HDMI 1x Wifi / 3G Antenna (Optional) 1x Clear CMOS 1x Kensington Lock 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- Intel® Celeron® Processor
- Support 1x DDR3 SO-DIMM up to 8GB
- Support 6x USB 2.0 with data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module
- Support up to triple-independent displays

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 111 x 35 mm / 5.12" x 4.37" x 1.38"

Weight

440 g / 0.97 lb

Mounting

VESA Mount

Certifications

CE, FCC Class A

Multi-media Player

QDSP-200 Series

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	QDSP-200: Intel® Atom™ Dual Core E3825 QDSP-210: Intel® Celeron® Quad Core J1900
Memory	1x DDR3L SO-DIMM up to 4/8GB
Storage	1x 2.5" SATA HDD / SSD
I/O Panel	2x USB2.0 1x USB3.0 1x Micro SD card cage (QDSP-200 only) 1x DC JACK 1x RJ-45, GbE 1x RJ-45, RS-232/422/485 1x VGA 1x HDMI 1x 3G Antenna (Optional) 1x Reset Button 1x External Power Button 1x Kensington Lock 1x Phone Jack for Line-Out & MIC-In 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® Bay Trail Dual core / Quad core Processor
- Support 1x DDR3L SO-DIMM up to 4/8GB
- Support 1x USB3.0 with high speed data transmission

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 111 x 35 mm / 5.12" x 4.37" x 1.38"

Weight

440 g / 0.97 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

QDSP-100



System

CPU	Intel® Atom™ D2550 Processor
Chipset	Intel® NM10
Memory	1x DDR3 SO-DIMM up to 4GB
Storage	1 x 2.5" SATA HDD / SSD
I/O Panel	1x eSATA & USB 2.0 combo connector 4x USB2.0 1x DC JACK 1x HDMI 1x DP 1x VGA 1x GbE 1x Clear CMOS 1x 3G external antenna 1x HDD LED 1x WiFi LED 1x Push button (w/LED) for power on/off 2x Phone Jack for Line-Out & MIC-In 1x Kensington Lock
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® Atom™ Processor
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 4x USB 2.0 for data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 111 x 35 mm / 5.12" x 4.37" x 1.38"

Weight

440 g / 0.97 lb

Mounting

VESA mount

Certifications

CE, FCC Class A

Multi-media Player

QutePC-5000 Series

Multi-media Player



Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPs) Compliant Box PCs

Open Frame Panel PCs

System

CPU	QutePC-5000: Intel® Core™ i3-4010U QutePC-5001: Intel® Core™ i5-4200U
Memory	1x DDR3/L SO-DIMM up to 8GB
Storage	1x 2.5" SATA HDD / SSD 1x mSATA socket mixed with mPCIe
I/O Panel	2x USB2.0 4x USB3.0 1x DC JACK 2x GbE 1x DVI-D 1x HDMI 1x Reset Button 1x External Power Button Support 1x Kensington Lock Support 1x Phone Jack for Line-Out & MIC-In 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® Haswell ULT Processors
- Support 1x DDR3/L SO-DIMM up to 8GB
- Support 4x USB3.0 with high speed data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module

Mechanical/Environmental

Construction

Plastic

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 115 x 39 mm / 5.12" x 4.53" x 1.54"

Weight

550 g / 1.21 lb

Mounting

VESA mount, Cradle

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

QutePC-4000 Series



System

CPU	QutePC-4000: Intel® Celeron® 1047UE QutePC-4001: Intel® Celeron® 1037U
Chipset	QutePC-4000: Intel® HM67 QutePC-4001: Intel® NM70
Memory	1x DDR3 SO-DIMM up to 8GB
Storage	1 x 2.5" SATA HDD / SSD
I/O Panel	4x USB 3.0, 2 x USB 2.0 (QutePC-4000) 6x USB 2.0 (QutePC-4001) 1x DC JACK 1x HDMI 2x DP 2x GbE 1x S/PDIF 1x Clear CMOS 1x 3G external antenna 1x HDD LED 1x WiFi LED 1x Push button (w/LED) for power on/off 1x Kensington Lock
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows XP / Windows 7 / Windows 8
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® Celeron™ 1047UE / 1037U Processor
- Support 1x DDR3 SO-DIMM up to 8GB
- Support up to 4x USB 3.0 with high speed data transmission
- Support Dual LAN ports with high speed data communication
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module

Mechanical/Environmental

Construction	Plastic
Temperature / Humidity	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	130 x 115 x 39 mm / 5.12" x 4.53" x 1.54"
Weight	550 g / 1.21 lb
Mounting	VESA mount, Cradle
Certifications	CE, FCC Class A

Multi-media Player

QutePC-3000 Series

Multi-media Player



Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs

System

CPU	QutePC-3000: Intel® Celeron® 827E QutePC-3001: Intel® Celeron® 847E QutePC-3100: Intel® Core™ i3-3227U
Chipset	Intel® HM65
Memory	1x DDR3 SO-DIMM up to 4GB
Storage	1 x 2.5" SATA HDD / SSD
I/O Panel	1x eSATA & USB 2.0 combo connector 4x USB 2.0 1x DC JACK 1x HDMI 1x DP 1x VGA 1x GbE 1x Clear CMOS 1x 3G external antenna 1x HDD LED 1x WiFi LED 1x Push button (w/LED) for power on/off 2x Phone Jack for Line-Out & MIC-In 1x Kensington Lock
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® 3rd Gen Core™ / Celeron® Processor
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 4x USB 2.0 for data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module

Mechanical/Environmental

Construction

Plastic

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 115 x 39 mm / 5.12" x 4.53" x 1.54"

Weight

550 g / 1.21 lb

Mounting

VESA mount, Cradle

Certifications

CE, FCC Class A

Multi-media Player

QutePC-1700 Series



System

CPU	QutePC-1700: Intel® Atom™ Dual Core E3825 QutePC-1710: Intel® Celeron® Quad Core J1900 QutePC-1720: Intel® Celeron® Dual Core J1800 QutePC-1730: Intel® Celeron® Dual Core N2807
Memory	1x DDR3L SO-DIMM up to 4/8GB
Storage	1 x 2.5" SATA HDD / SSD
I/O Panel	2x USB2.0 1x USB3.0 1x Micro SD card cage (QutePC-1700 only) 1x DC JACK 1x RJ-45, GbE 1x RJ-45, RS-232/422/485 1x VGA 1x HDMI 1x 3G Antenna (Optional) 1x Reset Button 1x External Power Button Support 1x Kensington Lock Support 1x Phone Jack for Line-Out & MIC-In 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	System Fan



Features

- 0.6 liter compact sized designed
- Intel® Bay Trail Dual core / Quad core Processors
- Support 1x DDR3L SO-DIMM up to 4/8GB
- Support 1x USB3.0 with high speed data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module



Mechanical/Environmental

Construction	Plastic
Temperature / Humidity	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	130 x 115 x 39 mm / 5.12" x 4.53" x 1.54"
Weight	550 g / 1.21 lb
Mounting	VESA mount, Cradle
Certifications	CE, FCC Class A

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Multi-media Player

QutePC-1600

Multi-media Player



Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs

System

CPU	Intel® Atom™ D2550 Processor
Chipset	Intel® NM10
Memory	1x DDR3 SO-DIMM up to 4GB
Storage	1 x 2.5" SATA HDD / SSD
I/O Panel	1x eSATA & USB 2.0 combo connector 4 x USB2.0 1 x DC JACK 1x HDMI 1x DP 1x VGA 1 x GbE 1x Clear CMOS 1x 3G external antenna 1x HDD LED 1x WiFi LED 1x Push button (w/LED) for power on/off Mic-in & Line-out 1x Kensington Lock
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7/ Windows 8/ Linux
Power Input	DC 19V
Cooling	System Fan

Features

- 0.6 liter compact sized designed
- Intel® Atom™ Processor
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 4x USB 2.0 for data transmission
- Onboard 1x mini-PCIe slot supports optional WiFi and 3G module

Mechanical/Environmental

Construction

Plastic

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

130 x 115 x 39 mm / 5.12" x 4.53" x 1.54"

Weight

550 g / 1.21 lb

Mounting

VESA mount, Cradle

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Memo

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs

Compact Embedded Fanless Box PCs



Series	QBOX- 200S Series	QBOX- 200H	QBOX- 100S	QBOX Mini- 2000
Model	QBOX-200S/210S/220S/200T	QBOX-200H	QBOX-100S	QBOX Mini-2000
CPU	BayTrail Atom E3825 / Celeron N2930 / N2807	Atom E3805	Atom N2600	Atom N2600
CPU Socket	BGA	BGA	BGA	BGA
Chipset	-	-	NM10	NM10
Memory	1 x DDR3L up to 4/8GB	1 x DDR3L up to 4G	1 x DDR3 up to 2GB	1 x DDR3 up to 2GB
Cooling	Passive	Passive	Passive	Passive
Storage Space	1 x mSATA	1 x mSATA	1 x mSATA	1 x mSATA
CF Socket	-	-	-	-
Micro SD	1/0	1	-	-
mSATA	1	1	1	1
VGA	1	-	1	-
DVI-I	-	-	-	-
HDMI	1	-	1	1
Display Port	-	-	-	-
USB 2.0	2	2	6	3
USB 3.0	1	1	-	-
Mini USB	-	1	-	-
eSATA/ USB 2.0 Combo	-	-	1	-
eSATA	-	-	-	-
RS232/422/ 485	1	1	-	-
RS232	-	-	-	-
Digital I/O	-	-	-	-
Parallel Port	-	-	-	-
Audio	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out	Mic-in & Line-out
S/PDIF	-	-	-	-
LAN Port	1	1	1	-
Mini-PCle	1	1	1	1
SIM card Holder	1	-	Optional	-
Expansion	-	-	-	-
Mounting	VESA Mount	VESA Mount	VESA Mount	-
Power Input Range	DC 12V	DC 12V ~ 19V	DC 12V ~ 19V	DC 12V ~ 19V
Operation Temp.	0°C ~ 50°C (QBOX-200S/210S/220S) -20°C ~ 70°C (QBOX-200T)	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 40°C
System Dimension (WxDxH)	151x81x33 mm	151x81x33 mm	133x81x33 mm	138x88x19 mm

All specifications and photos are subject to change without notice

Compact Embedded Fanless Box PCs

QBOX-200S Series



System	
CPU	QBOX-200S/200T: Intel® Atom™ Dual Core E3825 QBOX-210S: Intel® Celeron® Quad Core N2930 QBOX-220S: Intel® Celeron® Dual Core N2807
Memory	1x DDR3L SO-DIMM up to 4/8GB
Storage	1x mSATA Socket
I/O Panel	1x USB 3.0 2x USB 2.0 1x DC Jack 1x HDMI 1x VGA 1x GbE 1x Micro SD Card Cage (QBOX-200S/T) 1x COM (with RS-232/422/485) 1x Audio Jack for Line-out & MIC-In 1x Reset Button 1x HDD LED 1x WiFi LED 1x Power LED (with LED) 2x Antennas
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V
Cooling	Fanless

Features

- Pocket size and fanless designed
- Intel® BayTrail Atom™ Dual Core E3825 / Celeron N2930 / N2807 Processor
- Support 1x DDR3L SO-DIMM up to 4/8GB
- Support 1x USB 3.0 with high speed data transmission
- Support 1x LAN port with high speed data communication
- Support 1x VGA, 1x HDMI with high resolution display
- Onboard 1x mini-PCIe slot supports optional WiFi or 3G module

Mechanical/Environmental

Construction	Aluminum
Temperature / Humidity	Operating: 0°C ~ 50°C (QBOX-200S/210S/220S) / -20°C ~ 70°C (QBOX-200T) Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	151 x 81 x 33 mm / 5.94" x 3.19" x 1.30"
Weight	500 g / 1.10 lb
Mounting	VESA Mount
Certifications	CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Compact Embedded Fanless Box PCs

QBOX-200H



Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

System

CPU	Intel® BayTrail Atom™ Dual Core E3805
Memory	1x DDR3L SO-DIMM up to 4GB
Storage	1x mSATA Socket
I/O Panel	1x USB 3.0 2x USB 2.0 1x Mini USB 1x DC Jack 1x GbE 1x Micro SD Card Cage 1x COM (with RS-232/422/485) 1x Audio Jack for Line-out & MIC-In 1x Reset Button 1x HDD LED 1x WiFi LED 1x Power LED (with LED) 2x Antennas
Expansion	1x Mini PCIe Socket
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V ~ 19V
Cooling	Fanless

Features

- Pocket size and fanless designed
- Intel® BayTrail Atom™ Dual Core E3805 Processor
- Support 1x DDR3L SO-DIMM up to 4GB
- Support 2x USB 2.0, 1x USB 3.0, 1x Mini USB for data transmission
- Support 1x LAN port with high speed data communication
- Onboard 1x mini-PCIe slot

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

151 x 81 x 33 mm / 5.94" x 3.19" x 1.30"

Weight

500 g / 1.10 lb

Mounting

VESA Mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Compact Embedded Fanless Box PCs

QBOX-100S



System

CPU	Intel® Atom™ N2600 Processor
Chipset	Intel® NM10
Memory	1 x DDR3 SO-DIMM up to 2GB
Storage	1x mSATA Socket
I/O Panel	1x eSATA / USB2.0 Combo 6x USB2.0 1x GbE 1x HDMI 1x VGA Line-Out & MIC-In
Expansion	1x mPCIe
OS Support	Windows 7
Power Input	DC 12V ~ 19V
Cooling	Fanless

Features

- Pocket size 0.2 liter fanless designed
- Intel® Atom™ N2600 Processor
- Support 1x DDR3 SO-DIMM up to 2GB
- Support up to 6x USB 2.0
- Support 1x VGA & 1x HDMI with high resolution display
- Onboard 1x mPCIe Slot

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

133 x 81 x 33 mm / 5.24" x 3.19" x 1.30"

Weight

430 g / 0.95 lb

Mounting

VESA Mount

Certifications

CE, FCC Class A

Compact Embedded Fanless Box PCs

QBOX-Mini-2000

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPs) Compliant Box PCs

Open Frame Panel PCs



System

CPU	Intel® Atom™ N2600 Processor
Chipset	Intel® NM10
Memory	1 x DDR3 SO-DIMM up to 2GB
Storage	1x mSATA Socket
I/O Panel	3x USB2.0 1x HDMI 1x Clear CMOS 1x DC Jack 1x HDD LED 1x WiFi LED 1x Push button (w/ LED) for power on/off MIC-in & Line-out
Expansion	1 x Mini PCIe Slot
OS Support	Windows 7
Power Input	DC 12V ~ 19V
Cooling	Fanless

Features

- Pocket size 0.2 liter fanless designed
- Intel® Atom™ Processors
- Support 1x DDR3 SO-DIMM up to 2GB
- Support 3x USB 2.0 for data transmission
- Support 1x HDMI output with high resolution display
- Onboard 1x mini-PCIe slot supports optional WiFi module

Mechanical/Environmental

Construction

Plastic

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

138 x 88 x 19 mm / 5.43" x 3.46" x 0.75"

Weight

194 g / 0.43 lb

Mounting

N/A

Certifications

CE, FCC Class A

Memo

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs

Advanced Embedded Fanless Box PCs



Series	QBOX-2700 Series	QBOX-2600	QBOX-3300 Series
Model	QBOX-2700/2710	QBOX-2600	QBOX-3300/3301/3302
CPU	Celeron J1900 / Atom E3825	Atom D2550	4th Core i3-4010U / i5-4300U / i7-4500U
CPU Socket	BGA	BGA	BGA
Chipset	-	NM10	-
Memory	1 x DDR3L up to 8/4GB	1 x DDR3 up to 4GB	1 x DDR3/L up to 8GB
Cooling	Passive	Passive	Passive
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	-	-	-
Micro SD	- / 1	-	-
mSATA	-	-	1
VGA	1	1	-
DVI-I	-	-	-
HDMI	1	1	-
Display Port	-	1	2
USB 2.0	2	4	-
USB 3.0	1	-	4
Mini USB	-	-	-
eSATA/ USB 2.0 Combo	-	1	-
eSATA	-	-	-
RS232/422/ 485	1	2	2
RS232	-	-	-
Digital I/O	-	1 (Optional)	1
Parallel Port	-	-	-
Audio	Mic-in & Line-out	Mic-in & Line-out	Min-in & Line-in/out
S/PDIF	-	-	-
LAN Port	1	1	3
Mini-PCIe	1	1	2
SIM card Holder	(Optional)	(Optional)	(Optional)
Expansion	External Power Button	-	-
Mounting	VESA Mount, Din Rail Mount	VESA Mount, Din Rail Mount	VESA Mount, Din Rail Mount
Power Input Range	DC 19V	DC 19V	DC 12V
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
System Dimension (WxDxH)	184x110x56mm	184x110x56mm	250x150x55mm

All specifications and photos are subject to change without notice

Advanced Embedded Fanless Box PCs



Series	QBOX-2070 Series	QBOX-2060 Series
Model	QBOX-2072/207T	QBOX-2060/2061
CPU	Celeron J1900 / Atom E3845	Atom D2550
CPU Socket	BGA	BGA
Chipset	-	NM10
Memory	1 x DDR3L up to 8GB	1 x DDR3 up to 4GB
Cooling	Passive	Passive
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	-	-
Micro SD	-	-
mSATA	1 (Optional)	1
VGA	1	-
DVI-I	-	1
HDMI	1	1
Display Port	-	-
USB 2.0	4	4/6
USB 3.0	1	-
Mini USB	-	-
eSATA/ USB 2.0 Combo	-	-
eSATA	-	-
RS232/422/ 485	2	1
RS232	2	3/1
Digital I/O	1	1
Parallel Port	-	-
Audio	Mic-in & Line-in/out	Mic-in & Line-in/out
S/PDIF	-	-
LAN Port	2	2
Mini-PCIe	2	1
SIM card Holder	(Optional)	(Optional)
Expansion	-	-
Mounting	VESA Mount	VESA Mount
Power Input Range	DC 12V	DC 12V
Operation Temp.	0°C ~ 50°C (QBOX-2072) -20°C ~ 70°C (QBOX-207T)	0°C ~ 50°C
System Dimension (WxDxH)	210x135x35mm	210x135x35mm

All specifications and photos are subject to change without notice

Advanced Embedded Fanless Box PCs

QBOX-2700 Series

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	QBOX-2700: Intel® Celeron® Quad Core J1900 QBOX-2710: Intel® Atom™ Dual Core E3825
Memory	1x DDR3L SO-DIMM up to 8/4GB
Storage	1x 2.5" SATA HDD/SSD
I/O Panel	1x Phone Jack for Line-Out & MIC-In 1x Push button (w/LED) for power on/off 1x WiFi LED 1x HDD LED 2x USB2.0 1x USB3.0 1x Micro SD card cage (QBOX-2710 only) 1x DC JACK 1x RJ-45, GbE 1x RJ-45, RS-232/422/485 1x VGA 1x HDMI 2x WiFi Antennas (Optional) 1x 3G Antenna (Optional) 1x Reset Button 1x External Power Button 1x Kensington Lock 1x COM Port (w/ RS-232, Optional)
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	Fanless

Features

- 1 liter slim and compact fanless designed
- Intel® BayTrail SoC Processor, Celeron® J1900 / Atom™ E3825
- Support 1x DDR3L SO-DIMM up to 8/4GB
- Support 1x USB 3.0 and 2x USB 2.0
- Support 1x LAN port with high speed data communication
- Support 1x VGA, 1x HDMI with high resolution display
- Onboard 1x mini-PCIe slot supports optional WiFi or 3G module

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

184 x 110 x 56 mm / 7.24" x 4.33" x 2.20"

Weight

1600 g / 3.53 lb

Mounting

VESA Mount / Din Rail Mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Advanced Embedded Fanless Box PCs

QBOX-2600



System

CPU	Intel® Atom™ D2550 Processor
Chipset	Intel® NM10
Memory	1x DDR3 SO-DIMM up to 4GB
Storage	1x 2.5" SATA HDD/SSD
I/O Panel	1 x eSATA & USB 2.0 combo connector 4x USB2.0 1x DC JACK 1x HDMI 1x VGA 1 x DP 1x GbE 2x COM (both with RS-232/422/485) 1x DIO (Optional) 1 x Clear CMOS 2x WiFi external antenna (Optional) 1x 3G external antenna (Optional) 1x HDD LED 1 x WiFi LED 1 x Push button (w/ LED) for power on/off Line-out & Mic-in
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7
Power Input	DC 19V
Cooling	Fanless



Features

- 1.2 liter fanless designed
- Intel® Atom™ Processor
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 4x USB 2.0
- Support 1x VGA, 1x HDMI & 1x DP with high resolution display
- Support 2x COM (w/ RS-232/422/485)
- Onboard 1x mini-PCIe slot supports optional WiFi or 3G module



Mechanical/Environmental

Construction	Aluminum
Temperature / Humidity	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	184 x 110 x 56 mm / 7.24" x 4.33" x 2.20"
Weight	1600 g / 3.53 lb
Mounting	VESA Mount, Din Rail Mount
Certifications	CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Advanced Embedded Fanless Box PCs

QBOX-3300 Series



Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

System

CPU	QBOX-2080: Intel® Haswell ULT Core™ i3-4010U QBOX-2081: Intel® Haswell ULT Core™ i5-4300U QBOX-2082: Intel® Haswell ULT Core™ i7-4500U
Memory	1x DDR3/L SO-DIMM up to 8GB
Storage	1x 2.5" SATA HDD/SSD 1x mSATA socket
I/O Panel	4x USB3.0 1x DC JACK 2 x DP 3x GbE (2 x Intel® I210-AT, 1 x Intel® I218-LM) 2x COM (both with RS-232/422/485) 1x 8-bits DIO 2x WiFi / 3G external antenna (Optional) 1x HDD LED 1 x Power LED 1 x Switch for power on/off Line-out, Line-in & Mic-in
Expansion	2x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V
Cooling	Fanless

Features

- 2 liter fanless designed
- Intel® Haswell ULT Core™ i3/i5/i7 Processor
- Support 1x DDR3/L SO-DIMM up to 8GB
- Support 4x USB 3.0 with high speed data transmission
- Support 3x LAN port with high speed data communication
- Support 2x DP with high resolution display
- Support 2x COM (w/ RS-232/422/485) and 1x DIO
- Onboard 2x mini-PCIe slot supports optional WiFi or 3G module

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

250 x 150 x 55 mm / 9.84" x 5.91" x 2.17"

Weight

1950 g / 4.30 lb

Mounting

VESA Mount, Din Rail Mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Advanced Embedded Fanless Box PCs

QBOX-2070 Series



System	
CPU	QBOX-2072: Intel® Celeron® Quad Core J1900 QBOX-207T: Intel® Atom™ Quad Core E3845
Memory	1x DDR3L SO-DIMM up to 8GB
Storage	1x 2.5" SATA HDD/SSD 1x mSATA socket (optional)
I/O Panel	1x USB 3.0 4x USB 2.0 1x DC Jack 1x VGA 1x HDMI 2x GbE 4x COM (COM1~2 w/ RS-232/422/485) 1x 8-bits DIO 3x Audio Jacks for Line-out / Line-In / Mic-In 1x Power switch 1x HDD LED 1x Power LED
Expansion	2x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V
Cooling	Fanless

Features

- 1 liter slim and compact fanless designed
- Intel® BayTrail SoC Processor, Celeron® J1900 / Atom™ E3845
- Support 1x DDR3L SO-DIMM up to 8GB
- Support 1x USB 3.0, 4x USB 2.0
- Support 2x LAN with high speed data communication
- Support up to 4x COM & 1xDIO
- Onboard 2x mini-PCIe slots support optional WiFi or 3G module

Mechanical/Environmental

Construction	Aluminum
Temperature / Humidity	Operating: 0°C ~ 50°C (QBOX-2072) / -20°C ~ 70°C (QBOX-207T) Storage: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	210 x 135 x 35 mm / 8.27" x 5.31" x 1.38"
Weight	1200 g / 2.65 lb
Mounting	VESA Mount
Certifications	CE, FCC Class A

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Advanced Embedded Fanless Box PCs

QBOX-2060 Series

Multi-media Player

Compact Embedded
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Advanced Embedded
Fanless Box PCs

Performance Embedded
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Open Pluggable Specification
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Open Frame Panel PCs



System

CPU	Intel® NM10
Memory	1 x DDR3 SO-DIMM up to 4GB
Storage	1 x 2.5" SATA HDD / SSD 1 x mSATA socket
I/O Panel	4x USB2.0 (QBOX-2060) / 6x USB2.0 (QBOX-2061) 1x DC JACK 1x HDMI 1x DVI-I 2x GbE 4x COM (QBOX-2060, COM1 w/ RS-232/422/485) 2x COM (QBOX-2061, COM1 w/ RS-232/422/485) 1x DIO 2x Wifi external antennas 1x Power LED 1x HDD LED 1 x Push switch for power on/off Line-in & Line-out & Mic-in
Expansion	1x Mini PCIe Socket (with optional SIM card support)
OS Support	Windows 7
Power Input	DC 12V
Cooling	Fanless

Features

- 1 liter slim and compact fanless designed
- Intel® Atom™ Processors
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 1x DVI-I, 1x HDMI with high resolution display
- Support 4x/6x USB 2.0
- Support 2x LAN ports with high speed data communication
- Support 4x/2x COM & 1x DIO
- Onboard 1x mini-PCIe slot

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating: 0°C ~ 50°C

Storage: -20°C ~ 80°C

Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

210 x 135 x 35 mm / 8.27" x 5.31" x 1.38"

Weight

1200 g / 2.65 lb

Mounting

VESA Mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Memo

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Performance Embedded Fanless Box PCs

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Open Frame Panel PCs

Performance Embedded Fanless Box PCs



Series	KUBE-8090 Series	KUBE-8080 Series
Model	KUBE-8090/809B	KUBE-8080/808B
CPU	3rd Core i3,i5,i7	2nd Core i3,i5,i7
CPU Socket	PGA	PGA
Chipset	QM77/HM76	QM67/HM65
Memory	2 x DDR3 up to 16GB	2 x DDR3 up to 16GB
Cooling	Passive	Passive
Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
CF Socket	1	1
3 in 1 Crad Reader (SD/MMC/MS)	-	-
mSATA	-	-
VGA	-	-
DVI-I	1	1
HDMI	1	1
Display Port	1	1
USB 2.0	1	4
USB 3.0	4	1
Mini USB	-	-
eSATA/ USB 2.0 Combo	1	1
eSATA	-	-
RS232/422/ 485	1	1
RS232	1	1
Digital I/O	-	-
Parallel Port	-	-
Audio	Mic-in & Line-in/out	Mic-in & Line-in/out
S/PDIF	1	1
LAN Port	2	2
Mini-PCle	2	2
SIM card Holder	On board	On board
Expansion	-	-
Mounting	VESA Mount / Wall Mount	VESA Mount / Wall Mount
Power Input Range	DC 19V	DC 19V
Operation Temp.	0°C ~ 40°C	0°C ~ 40°C
System Dimension (WxDxH)	280x153x69 mm	280x153x69 mm

All specifications and photos are subject to change without notice

Performance Embedded Fanless Box PCs

KUBE-8090 Series



System	
CPU	3rd Gen. Intel® Core™ i3/i5/i7 Processor
Chipset	KUBE-8090: Intel® QM77 KUBE-809B: Intel® HM76
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1 x 2.5" SATA HDD / SSD 1 x CF socket
I/O Panel	1x eSATA & USB 2.0 combo connector 4x USB 3.0 1x USB 2.0 1x DC JACK 1x DVI-I 1x HDMI 1x DP 2x GbE 2x COM (COM1 with RS232/422/485) 1x S/PDIF 1 x Clear CMOS 2x WiFi external antennas 1x 3G external antenna 1x HDD LED 1x WiFi status LED 1x Push button (w/ LED) for power on/off Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe Slot 1x SIM card slot
OS Support	Windows XP / Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	Fanless

Features

- 3 liter fanless designed
- Intel® 3rd Gen. Core™ i Processors
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 4x USB 3.0 with high speed data transmission
- Support 2x LAN with high speed data communication
- Support 1x DVI-I, 1x HDMI & 1x DP with high resolution display
- Support 2x COM
- Onboard 2x Mini-PCIe slot support optional WiFi or 3G module
- Intel® iAMT supported (KUBE-8090)

Mechanical/Environmental

Construction	Aluminum
Temperature / Humidity	Operating Temperature: 0°C ~ 40° C Storage Temperature: -20°C ~ 80°C Humidity: 0% ~ 90%, non-condensing
Dimensions (W x D x H)	280 x 153 x 69 mm / 11.02" x 6.02" x 2.72"
Weight	2200 g / 4.85 lb
Mounting	VESA Mount / Wall Mount
Certifications	CE, FCC Class A

All specifications and photos are subject to change without notice

Performance Embedded Fanless Box PCs

KUBE-8080 Series

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	2nd Gen. Intel® Core™ i3/i5/i7 Processor
Chipset	KUBE-8080: Intel® QM67 KUBE-808B: Intel® HM65
Memory	2 x DDR3 SO-DIMM up to 16GB
Storage	1 x 2.5" SATA HDD / SSD 1 x CF socket
I/O Panel	1x eSATA & USB 2.0 combo connector 1x USB 3.0 4x USB 2.0 1x DC JACK 1x DVI-I 1x HDMI 1x DP 2x GbE 2x COM (COM1 with RS232/422/485) 1x S/PDIF 1x Clear CMOS 2x WiFi external antennas 1x 3G external antenna 1x HDD LED 1x WiFi status LED 1x Push button (w/ LED) for power on/off Line-in & Line-out & Mic-in
Expansion	2x Mini PCIe Slot 1x SIM card slot
OS Support	Windows XP / Windows 7 / Windows 8 / Linux
Power Input	DC 19V
Cooling	Fanless

Features

- 3 liter fanless designed
- 2nd Gen. Intel® Core™ i Processors
- Support 2x DDR3 SO-DIMM up to 16GB
- Support 1x USB 3.0, 4x USB 2.0
- Support 2x LAN with high speed data communication
- Support 1x DVI-I, 1x HDMI & 1x DP with high resolution display
- Support 2x COM
- Onboard 2x Mini-PCIe slot support optional WiFi or 3G module
- Intel® iAMT supported (KUBE-8080)

Mechanical/Environmental

Construction

Aluminum

Temperature / Humidity

Operating Temperature: 0°C ~ 40° C
Storage Temperature: -20°C ~ 80°C
Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

280 x 153 x 69 mm / 11.02" x 6.02" x 2.72"

Weight

2200 g / 4.85 lb

Mounting

VESA Mount / Wall Mount

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Memo

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Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs

Open Pluggable Specification (OPS) Compliant Box PCs



	Series	OPS-1000 Series	OPS-100 Series
	Model	OPS-1040/1050/1060	OPS-100/110/120
Processor & System	CPU	4th Core i5,i7	Celeron J1900 / N2930
	CPU Socket	BGA	BGA
	Chipset	QM87/HM87	-
	Max. Memory	2 x DDR3/L up to 16GB	2 x DDR3L up to 8GB
	Cooling	Active	Passive
Storage	Storage Space	1 x 2.5" HDD/SSD	1 x 2.5" HDD/SSD
	mSATA/Mini-PCle (by Jumper setting)	2	1
Front I/O interface	HDMI	1	1
	Display Port	1	-
	USB 2.0	-	3
	USB 3.0	4	1
	Audio	Stereo Line-out	Stereo Line-out
	LAN Port	2	2
Rear I/O interface Via JAE Plu Connector	HDMI/DVI	1	1
	Display Port	1	1
	USB 2.0	2	2
	USB 3.0	2	2
Expansion	SIM card Holder	1	1
	Others	1x JAE Plug	1x JAE Plug
Power Input Range		DC 12V / 19V	DC 12V / 19V
Operation Temp.		0°C ~ 45°C	0°C ~ 45°C
System Di mension (WxDxH)		220x119x30mm	220x119x30mm

Multi-media Player

Compact Embedded
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Fanless Box PCs

Open Pluggable Specification
(Ops) Compliant Box PCs

Open Frame Panel PCs

Open Pluggable Specification (OPS) Compliant Box PCs

OPS-1000 Series



System

CPU	OPS-1050 : Intel® Core™ i7-4700EQ OPS-1060 : Intel® Core™ i5-4400E OPS-1040: Intel® Core™ i7-4700HQ
Chipset	OPS-1050/1060: Intel® QM87 OPS-1040: Intel® HM87
Memory	2x DDR3/L SO-DIMM up to 16 GB
Storage	1 x SATA3 HDD/SSD (7mm) 2x mSATA slot
I/O Panel	1x HDD LED 1x Wireless LED 1x Power Button with Power LED 1x Reset Switch 1x DP Port 1x HDMI Port 4x USB3.0 Ports 1x 2.5" Slim Type HDD Slot (Removable) 3x Antennas 2x GbE 1x Audio Jack for Line-out/Line-in/MIC-in (Via JAE Plug Connector) 1x DP or HDMI 1x Stereo Line-out 2x USB3.0 2x USB2.0 1x UART Control Signal 1x DC IN
Expansion	2x Mini PCIe mixed with mSATA 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V / 19V
Cooling	System Fan

Features

- Open Pluggable Specification (OPS) compliance
- 4th Generation Intel® Core™ i Quad Core Processors
- Support 2x DDR3/L up to 16 GB
- Support 6x USB 3.0 with high speed data transmission
- Support 2x LAN with high speed data communication
- Support HDMI & DP with high resolution display
- Support 2x Mini-PCIe slot, 1x SIM card holder

Mechanical/Environmental

Construction

Metal

Temperature / Humidity

Operating Temperature: 0°C ~ 45° C
Storage Temperature: -20°C ~ 80°C
Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

220 x 119 x 30 mm / 8.66" x 4.69" x 1.18"

Weight

1000 g / 2.2 lb

Certifications

CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

Performance Embedded Fanless Box PCs

Open Pluggable Specification (OPS) Compliant Box PCs

Open Frame Panel PCs

Open Pluggable Specification (OPS) Compliant Box PCs

OPS-100 Series

Multi-media Player

Compact Embedded
Fanless Box PCs

Advanced Embedded
Fanless Box PCs

Performance Embedded
Fanless Box PCs

Open Pluggable Specification
(OPS) Compliant Box PCs

Open Frame Panel PCs



System

CPU	OPS-100/110: Intel® Celeron® Quad Core J1900 OPS-120: Intel® Celeron® Quad Core N2930
Chipset	N/A
Memory	2x DDR3L SO-DIMM up to 8 GB
Storage	1 x SATA3 HDD / SSD (7mm) 1x mSATA slot
I/O Panel	1x HDD LED 1x Wireless LED 1x Power Button with Power LED 1x Reset Switch 1x HDMI 1x USB3.0 3x USB2.0 1x 2.5" Slim Type HDD Slot (Removable) 3x Antennas 2x GbE 1x Audio Jack for Line-out/Line-In/MIC-In (Via JAE Plug Connector) 1x DP or HDMI 1x Stereo Line-out 2x USB3.0 2x USB2.0 1x UART Control Signal 1x DC IN
Expansion	1x Mini PCIe 1x SIM card slot
OS Support	Windows 7 / Windows 8 / Linux
Power Input	DC 12V / 19V
Cooling	Fanless

Features

- Open Pluggable Specification (OPS) compliance
- Intel® BayTrail Celeron® Quad Core Processors
- Support 2x DDR3L up to 8 GB
- Support 3x USB 3.0 with high speed data transmission
- Support 2x LAN port with high speed data communication
- Support HDMI & DP with high resolution display

Mechanical/Environmental

Construction

Metal

Temperature / Humidity

Operating Temperature: 0°C ~ 45°C
Storage Temperature: -20°C ~ 80°C
Humidity: 0% ~ 90%, non-condensing

Dimensions (W x D x H)

220 x 119 x 30 mm / 8.66" x 4.69" x 1.18"

Weight

1000 g / 2.2 lb

Certifications

CE, FCC Class A

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Compact Embedded Fanless Box PCs

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Open Frame Panel PCs

Open Frame Panel PCs



Model	OPC-1560/1850
Size	15.6"/18.5" 16:9
Back Light	LED
Max Resolution	1366x768
Brightness (cd/m ²)	220/250
Touch Screen	5-wire resistive (optional)
CPU	Atom D2550
CPU Socket	BGA
Chipset	NM10
Memory	1 x DDR3 up to 4GB
Cooling	Passive
HDD space	1 x 2.5" HDD/SSD
CF Socket	-
Micro SD	-
mSATA	-
CD-ROM/ DVD ROM	-
VGA	1
DVI-I	-
HDMI	1
Display Port	1
USB 2.0	4
USB 3.0	-
Mini USB	-
eSATA/ USB 2.0 Combo	-
eSATA	-
RS232/422/ 485	1
RS232	-
Digital I/O	-
Parallel Port	-
Audio	Mic-in & Line-in/out
S/PDIF	-
LAN Port	2
Camera	-
Mini-PCle	1
SIM card Holder	-
Others	-
Power Switch	1
Power Input Range	DC 12V
IP Level	-
Operation Temp.	0°C ~ 50°C
System Dimension (WxDxH)	390x240x29 mm 461x286x33 mm

All specifications and photos are subject to change without notice

Open Frame Panel PCs

OPC-1560/1850



System

CPU	Intel® Atom™ D2550 Processor
Chipset	Intel® NM10
Memory	1x DDR3 SO-DIMM up to 4GB
Storage	1x 2.5" SATA HDD / SSD
I/O Panel	4x USB2.0 1x DC JACK 1x HDMI 1x DP 1x VGA 2x GbE 1x COM (with RS-232/422/485) 1x Push button for power on/off Line-in & Line-out & Mic-in
Expansion	1x Mini PCIe Slot
OS Support	Windows 7
Power Input	DC 12V
Cooling	Fanless

Features

- 15.6" / 18.5" LCD Open Frame Display Fanless System
- Intel® Atom™ Processors
- Support 1x DDR3 SO-DIMM up to 4GB
- Support 4x USB 2.0
- Support 2x LAN with high speed data communication
- Support 1x VGA, 1x HDMI & 1x DP with high resolution display
- Onboard 1x mini-PCIe slot supports optional WiFi /3G module

Display

Display Type	15.6"/18.5" 16:9 TFT LCD
Resolution	1366 x 768 WXGA
Brightness	OPC-1560: 220 cd/m ² OPC-1850: 250 cd/m ²
Contrast Ratio	OPC-1560: 500 :1 OPC-1850: 1000:1
Touch	Optional: Resistve / Capacitive (Project base)

Mechanical/Environmental

Construction	Aluminum
Environment	Operating Temperature: 0°C ~ 50° C Storage Temperature: -20°C ~ 60°C Humidity: 0% ~ 95%, non-condensing
Dimensions (W x H x D)	OPC-1560: 390 x 240 x 29 mm / 15.35" x 9.45" x 1.14" OPC-1850: 461 x 286 x 33 mm / 18.15" x 11.26" x 1.30"
Certifications	CE, FCC Class A

All specifications and photos are subject to change without notice

Multi-media Player

Compact Embedded Fanless Box PCs

Advanced Embedded Fanless Box PCs

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