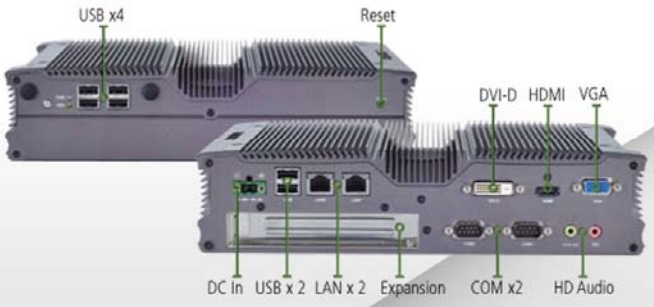


Embedded PC

Fanless IPC w/ 2nd Gen Intel Core i5/i7/Celeron CPU

Model: LPC7022-i7

Features

Intel HM65 Chipset
Compatible with Intel Celeron and core-i Mobile CPUs, this chipset offers support for high quality Intel graphics and other Intel technologies.

DDR3 RAM
This product uses DDR3 RAM. DDR3 RAM has a transfer rate twice as fast as it's predecessor (DDR2), which enables higher bandwidth.

Integrated SIM card reader
Integrated in a mini-PCIe slot, the SIM card readers allow for users to enable 3G use for their IPC

Expandable PCI or PCIe slot
The product has additional space for another PCI or PCIe expansion. Allowing customers to choose what type of expansion slot they need.

Multi-Screen Support
This platform comes with multiple video-out ports and can support separate video streams on dual displays.

Wide voltage input range
This product supports a wider range of voltage inputs, allows for easier onsite implementation
by lessening the need for an external power supply.

Intel Network Controllers
The appliance uses top-of-the-line Intel NICs giving the customer the benefits of quality design and thorough engineering. SIM card readers allow for users to enable 3G use for their IPC.

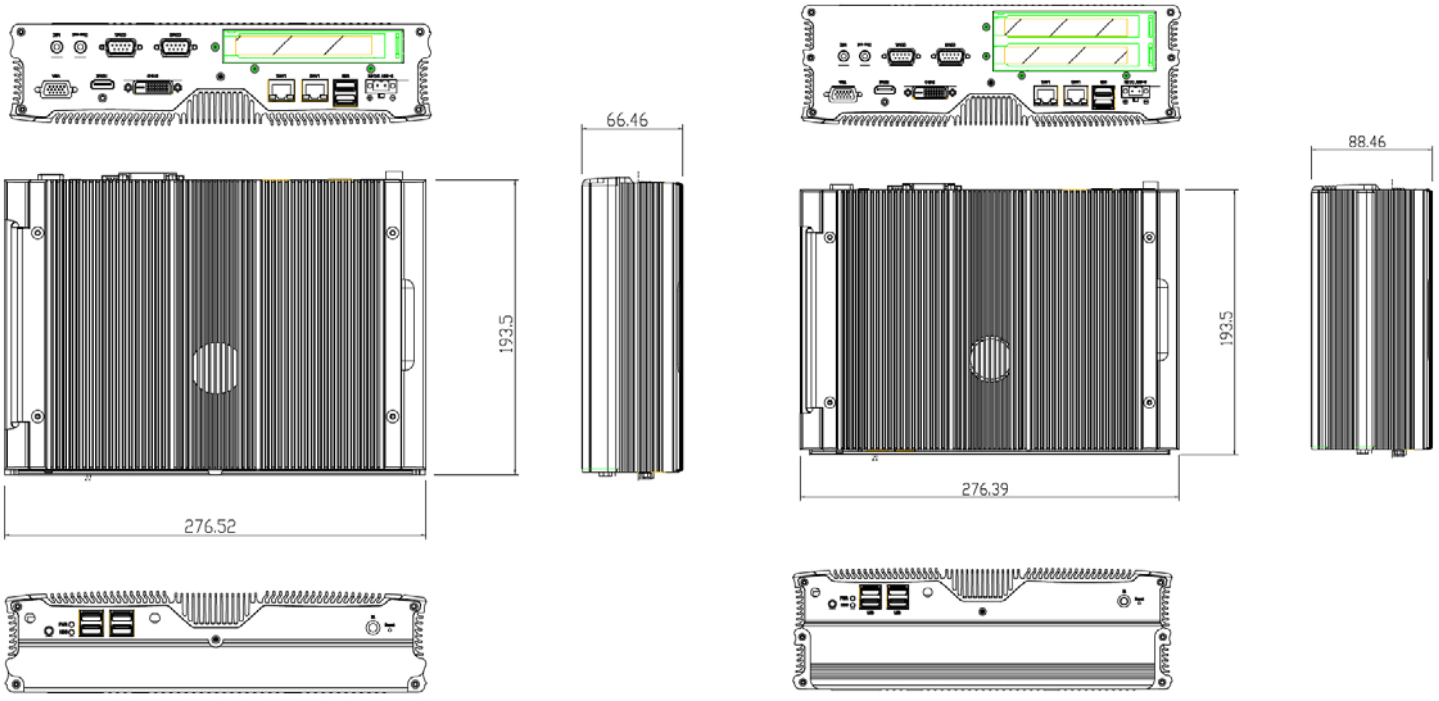
I/O Expansion Options
Further customization comes from additional board to board design. Multiple I/O signals on the motherboard are reserved for this
use.

Terminal block connections
This product features serial ports utilize terminal blocks for its I/O ports. Terminal blocks can receive a multitude a different kind of wiring making these ports adapable for different environments.

Screw-locked power plug
This power plug is made to screw directly into the appliance chassis, allowing secure power connection in even the harshest of settings.

Drawings

Dimensions 277x(67/89)x194mm [10.91"x(2.64/3.50)"x7.64"]



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Specifications

Dimensions (WxHxD)		277x(67/89)x194mm (10.91"x(2.64/3.50)"x7.64")
Processor		Intel Core i5/i7, Celeron
Chipset		Intel HM65
System		
	Max. Capacity	Up to 16GB
Storage	SATA	2.5" SSD/HDD drive bay x1, SATA-DOM x1
Ethernet Controller		Intel 82574L x2
Graphic Controller		Intel integrated HD graphic engine
Audio Controller		Realtek ALC886
IO	LAN	RJ45 10/100/1000Mbps x2
	Display Dual Display	HDMI x1 , DVI-D x1 , VGA x1 VGA+HDMI , VGA+DVI
	Dual Display Mode	Clone, Independent, Extend
	Audio	Phone Jack x2 for Mic-In and Line-Out
	Serial I/O	DB9 x2 for RS232/422/485
	Digital I/O	DB9 Female x1 for DI x4 &DO x4 (TTL, DO Max 100mA)
	USB 2.0	Type A x6
	Power Input	Terminal Block 2 pin
	Expansion	Mini-PCIe x1 with SIM card reader Mini-PCIe x1 PCI x 2 or PCIe (x1) x1
Power Input		+9~+30V Input, Support ATX Function
Hardware Monitor		Fintek F81865 integrated Watchdog Timer 1~255 level
OS Support		Win7/XP/7Embedded/XP Embedded, Redhat Enterprise 5/Fedora 14, Linux Kernel 2.6.18 or Later
Certifications		CE, FCC Class A
Operating Temperature	With Industrial Components	-10~55°C / 14~131°F
	With Commercial Components	-5~45°C / 23~113°F
	High/Low Extended Temperature Tested	No Damage after 72-hours full loading operating @ 70°C Bootable after 24 hours @ -20°C

Ordering Information

Intel i5-2515E on board CPU support, DDR3 SO-DIMM x2,COM x2, HDMI x1 , DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with one PCIe(x1) expansion
Intel Celeron 810E on board CPU support, DDR3 SO-DIMM x2, COM x2, HDMI x1, DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with one PCIe(x1) expansion
Intel i7-2655LE on board CPU support, DDR3 SO-DIMM x2, COM x2, HDMI x1, DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with one PCIe(x1) expansion
Intel i5-2525E on board CPU support, DDR3 SO-DIMM x2, COM x2, HDMI x1 , DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with two PCI expansion
Intel Celeron 810E on board CPU support, DDR3 SO-DIMM x2, COM x2, HDMI x1 , DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with two PCI expansion
Intel i7-2655LE on board CPU support, DDR3 SO-DIMM x2, COM x2, HDMI x1 , DVI-D x1, VGA x1, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with two PCI expansion

Standard Accessories

SATA SSD / HDD cable w/ power
Wall Mount - 4
75W 19V/3.95A adaptor

Optional Power Cords

US Power Cord
Schuko (EU) Power Cord
UK Power Cord
China Power Cord
Japan Power Cord