

Fanless Embedded PC

Intel N2920 4 core (2 GHz) CPU Fanless System, 4GB Memory and 64GB SSD, 1x HDMI & 1x VGA (1920 x 1200 display output, Dual LAN ports, 2 x coms, 3x USB2.0, Operating Temp -20 to 55C, -20 to 55C supports win 8.1

Model: LPC7070WT-HDMI



Features

Onboard Intel® Dual-core or Quadcore Bay Trail SoC

The new 22 nm microarchitecture SoC CPU offers double the performance and five times the energy efficiency of the previous generation.

Fanless Design

This IPC's lifespan has been extended by removing the most easily damaged component, the fan

Extreme Operating Temperature

This product is ruggedized to support a wider than usual range of temperatures. Outfitted with industrial components (SSD, CF, Memory) this appliance can thrive in harsh conditions.

Multiple Display Ports

This platform comes with multiple video-out ports (VGA and HDMI) to allow easy integration with any signage setup.

Integrated SIM Card Reader

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

Rich I/O Interfaces

This product provides rich a I/O interface, includes 2 GbE LAN ports, 2 serial COM ports and 3 USB ports for communications. One of the USB ports supports the USB 3.0 standard, capable of transferring data at up to 5 Gbps.

Dust Proof Design

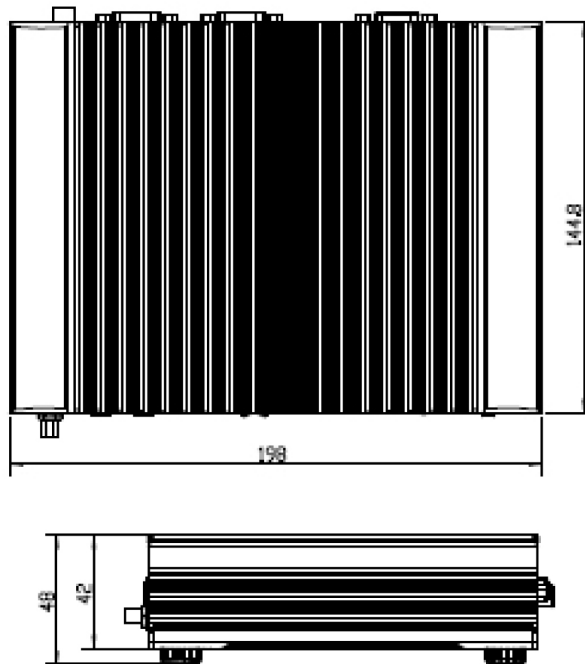
Solid chassis design with a fanless interior allows this product to be completely dustproof when installed correctly, insuring longevity of the product.

Flexible Mounting

This product provides flexible mounting possibilities, including VESA, wall mounting, rack mounting and DIN rail mounting options.

Drawings

Dimensions 198 x 42 x 144.8 mm (7.79" x 1.65" x 5.7")



Preliminary Specifications

Processor Options		Intel® Celeron® J1900 / N2930, Atom™ E3825 / E3845
Chipset		None
BIOS		None
System	Sockets	1 x 204-pin SODIMM socket
	Technology	DDR3L 1066 MHz
	Max. Capacity	Up to 4 GB
USB		2 x USB 2.0, 1 x USB 3.0 compliant hosts: Type A connector
Digital I/O		2 x DI and 2 x DO with +5V TTL Level
Expansion Bus		Mini-PCIe x 1, with SIM card reader
OS Support		Microsoft Windows 8
Storage	HDD/SSD Support	1 x 2.5" HDD/SSD drive bay
	Expansion	1 x CF type I/II socket, 1 x SATA port for 1 x 2.5" SSD/HDD drive bay
Networking	LAN	2 x 10/100/1000Mbps, Autosensing, RJ-45
	Controller	Intel i210 x 2
Display	Graphics Controller	Intel® integrated Graphics Media Accelerator
	Display Interface	VGA x 1 (1600 x 1200), HDMI x 1 (1920 x 1080)
LEDs		Power, HDD active, 3G active
Physical Characteristic	Housing	Aluminum
	Weight	1 kg
	Dimensions (WxHxD)	198 x 42 x 144.8 mm (7.79" x 1.65" x 5.7")
	Mounting Options	Rack, VESA, DIN-rail and Wall mount
Environment	Operation Temperature	-20~55°C (with Industrial grade components)
	Storage Temperature	-20~70°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
Power	Input Voltage	+12 V DC
	Power Consumption	19 W
	AC Adapter	60 W, 12 V/5 A
	Connector	DC jack with lock
Standard and Regulation	EMC	CE/FCC
	Green product	RoHS
Reliability	Alter tool	Built-in buzzer and RTC (real-time clock) with battery lithium backup
	Automatic Reboot Trigger	Watchdog Timer 1~255 level time interval system reset, software programmable
	MTBF	TBD

Standard Accessories

SATA SSD/HDD cable w/ power
AC Power Adapter 60 W 12V/5A, DC Jack with lock

Optional Power Cords

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

Optional Mounting kit

Wall Mount 4
VESA Mount
Rack Mount
DIN Rail Mount

Optional Accessories

Wi-Fi module Wi-Fi Module, 802.11 b/g/n Mini-PCIe card
Antenna Internal Wi-Fi Antenna Cable
Antenna SMA Antenna, male jack / female plug
Antenna Internal Antenna cable for 3G//GPS module
Antenna 3G Module External Antenna