

PPC-L128T

12.1" Fanless Panel PC with Atom™ N270 Processor

Preliminary



Features

- 12.1 TFT XGA LCD with Optional Resistive Touch screen
- Embedded Intel® Atom™ Processor N270 1.6 GHz
- System Memory Up to 2GB DDR2 SDRAM
- Supports One internal SATA 2.5" HDD
- Supports Six USB 2.0 ports; Dual Giga LAN
- Optional PCI/PCle x 1 expansion Kit
- Fanless and ultra-low power consumption
- Optional Smart Battery Module
- Automatic data flow control over RS-485 (COM2)

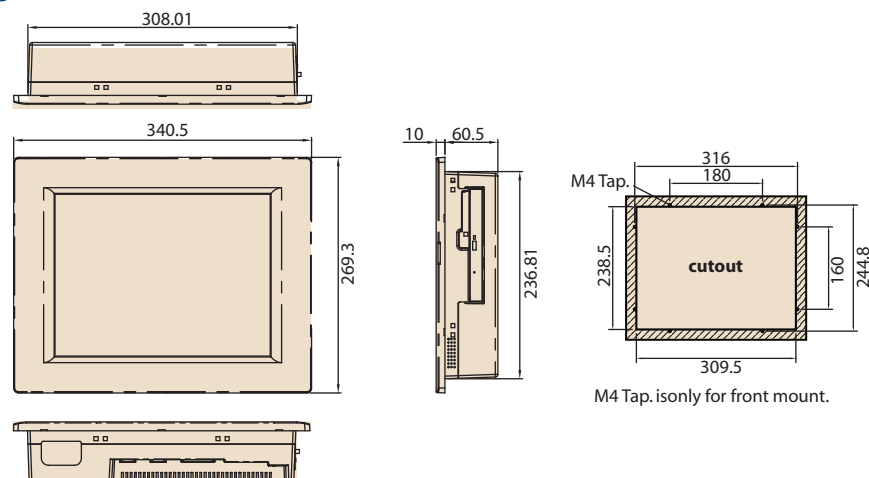


Specifications

Processor System	CPU	Intel® Atom™ Processor N270 1.6 GHz
	Chipset	Intel® 945GSE + Intel ICH7M
	Secondary Cache	512 KB L2 Cache
	Memory	200pin DDR2 533 SO-DIMM x1 Up to 2 GB
	Combo Drive	Optional
	SSD	Support one compact Flash™ Type II, socket
	HDD	One internal SATA interface- 2.5" Type
	Network (LAN)	2 x 10/100/1000 Mbps (By RJ45)
	Fully Integrated I/O and Speakers	3 Serial Ports: RS232 x 2, RS-232/422/485 x 1; 1 GPIO port 1 VGA Port ; PS2/ Mouse and Keyboard Line-in/ Line-out/ Mic-in Build in 1W x 2 Speakers
	Bus Expansion	1 x Expansion slot for PCI/PCle card 1 x MINI PCle slot
	Front Panel Protection	IP65/ NEMA 4 compliant
OS Support	Weight	3.25 kg (7.151 lb)
	Dimension (W x H x D)	340.5 x 269.3 x 70.5 mm (13.41" x 10.6 x 2.78")
Power Supply		12-24 V V _{DC} ; 15-24 V _{DC} With Battery Pack
LCD Display	Display Type	12.1" Color TFT LCD
	Max. Resolution	1024 X 768
	Colors	262 K
	Dot Size (mm)	0.240 (H) x 0.240 (V)
	Viewing Angle	160°/160°
	Luminance (cd/m²)	450
	Brightness Control	Yes (by BIOS/ SUSI)
	Backlight Lifetime	50,000 hours
Touch screen (optional)	Type	Analog Resistive 5 wires (ELO)
	Resolution	Continuous
	Light Transmission	80 %
	Controller	USB Interface
	Power consumption	+5 V @ 200 mA
	Durability (Touches)	35 million
Environment Specifications	Operating temperature	0 -50° C (32-113° F); 0-40° C with Battery Pack
	Relative Humidity	10 ~ 95 % @ 40° C, non-condensing
	Shock	10 G Peak acceleration (11ms Duration)
	Vibration	1 G
	EMC	CE, FCC Class B, BSMI
	Safety	CE CB, UL, BSMI, CCC , VCCI

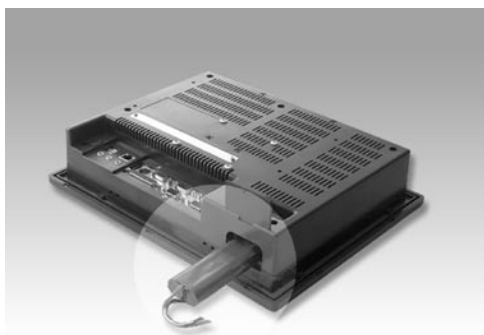
Dimensions

Unit: mm

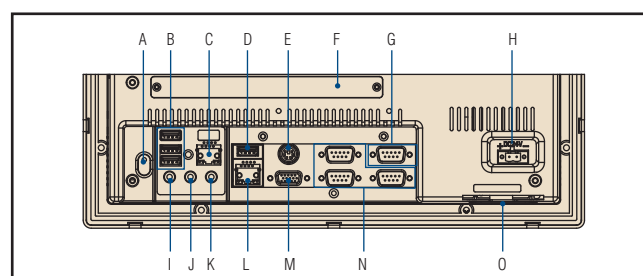


Ordering Information

Part NO	Description
PPC-L128T-080-XE	Intel® Atom™ Processor N270 1.6 GHz Fanless Panel PC with 12.1" TFT LCD
PPC-L128T-R80-XE	PPC-L128T-080-XE with Resistive Touch screen
PPC-L128T-CE-RTE	PPC-L128T with Windows CE.Net 6.0 on 1G Compact Flash
PPC-ARM-A03	VESA Stand ARM for PPC series
PPC-174T WL-MT	Wall mount kit for PPC-174T
PPC-L126Rack-MT	19" Rack Mounting Kit for PPC-L126/ PPC-L127 /L128
PPC-EXP-L128E	PCI /PCle expansion kit
PS-DC19-L61E	19V DC power Adapter Module for PPC-L61/L127/ L128
1760000837	Smart Li-ion 3S2P 11.1V 4400 mAh -LTC4006/L127



Fully-Integrated I/O



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|----------------------------------|-----------------------|
| A. Main power switch | I. Line-in jack |
| B. USB 2.0 x 3 | J. Mic-in jack |
| C. Ethernet jack | K. Line-out jack |
| D. USB 2.0 | L. Ethernet jack |
| E. PS/2 mouse and keyboard | M. VGA port |
| F. PCI/PCle expansion slot cover | N. Serial ports |
| G. GPIO port | O. Battery door cover |
| H. DC inlet | |