

*The Amplitud system radically extends its capabilities and more user-friendly product design to meet your applications.*

## Specifications

### Main Board

CPU	Intel® Bay trail Celeron J1900 Processor D/M Series (2M Cache, 2.0 GHz)
Chipset	Intel® SoC
System Memory	Max 1 DDR3L 1333 MHz SO-DIMM slots, up to 8GB
Graphic Memory	Intel® HD Graphics

### LCD Panel AP-8100-25G

Panel Size	15.6"	Response Time	10 ms
Maximum Resolution	1366 x 768	View Angles (H/V)	90 / 65
Brightness	220 cd/m <sup>2</sup>	Touch Panel	Projected Capacitive Touch
Contrast Ratio	500 : 1		

### Storage

HDD	2.5" SATA III Interface x 1
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### Expansion

Socket	2 x Mini PCIE( 1 x WIFI/3G, 1 x mSATA)
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### Power

Power Adaptor	Input AC 100-240V 1.6A (MAX) 50/60Hz, Output DC 12V 5A
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### I / O

USB	3 x USB 2.0 (5 x USB 2.0 Optional) , 1 x USB 3.0
Serial	4 x COM ports with DB-9 Connector COM1,COM2,COM4 with 5V / 12V power , COM3 with 5V selectable
LAN	Max 1 Realtek PCI-E NIC RTL8111F for 1000Mbps
2nd VGA Output	One 15 Pin VGA Port
Audio	One Earphone & One Microphone

### Control/Indicator

Power Button	One
LED Indicators	Power (Red)

### Optional Peripherals

Magnetic Card Reader	ISO Track 1/2/3, USB interface
VFD customer display	20 x 2 characters, USB interface
Second display	8" TFT USB interface
RFID reader	13.56Mhz Mifare reader

### Dimensions

AP-8100-T25G	399.6(W) X 193.9(L) X 294.3(H) mm
AP-8100-25G	399.6(W) X 40(L) X 252.7(H) mm

### Environment

Operating Temperature	0°C ~ 40°C ( 32°F ~ 104°F )
Storage Temperature	- 20°C ~ 60°C ( - 4°F ~ 140°F )
Operating Humidity	10% - 80% RH non condensing
Storage Humidity	10% - 80% RH non condensing

### Model Select

AP-8100 - X - SS	Intel® Bay trail Celeron J1900 Processor D/M Series (2M Cache,2.0 GHz)
X: T ---A2 desktop stand., R----A8V2 printer stand., 0 ----without stand.	
SS : 25 --- Projected Capacitive Touch	