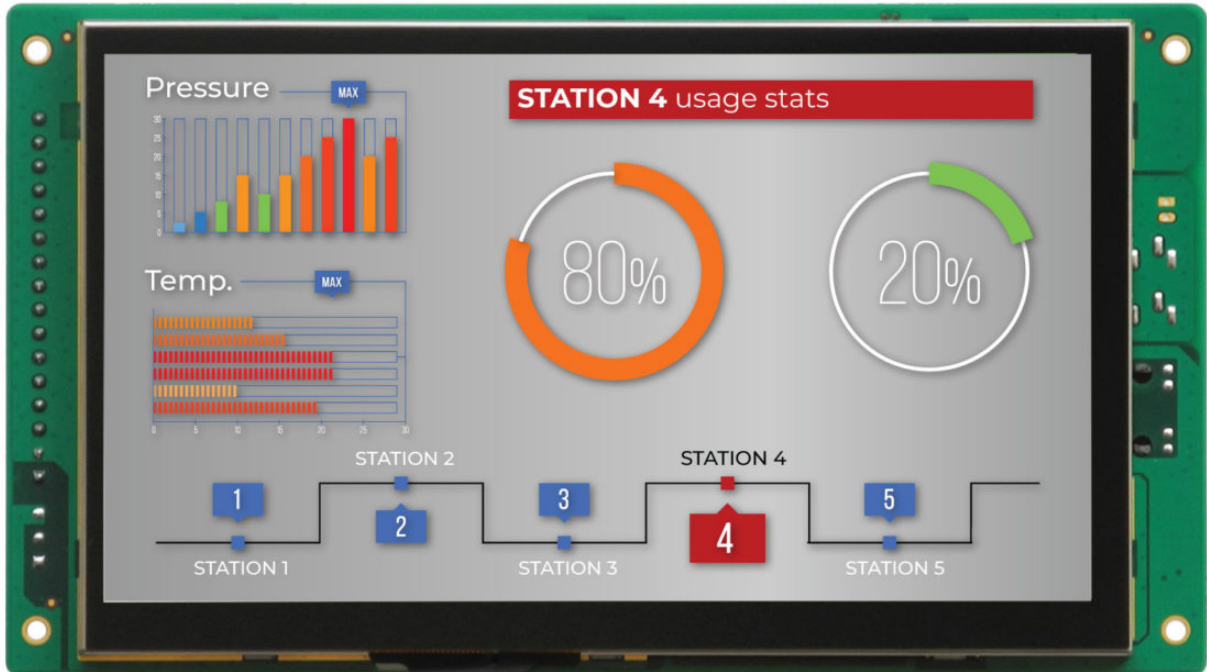


PPC/EPC-A7-70HB-C

User Manual

Release 1.0





Chipsee Products Naming Rules

CS10600U070E-C111 CS10600U070P-C111	
CS	Chipsee Product Abbreviations
10	<p style="text-align: center;">Horizontal Resolution</p> <p style="text-align: center;">80 Means 800 Pixel</p> <p style="text-align: center;">10 Means 1024 Pixel</p> <p style="text-align: center;">12 Means 1280 Pixel</p> <p style="text-align: center;">14 Means 1440 Pixel</p> <p style="text-align: center;">19 Means 1920 Pixel</p>

<p>600</p>	<p>Vertical Resolution 480 Means 480 Pixel 600 Means 600 Pixel 768 Means 768 Pixel 800 Means 800 Pixel 900 Means 900 Pixel 102 Means 1024 Pixel 108 Means 1080 Pixel</p>
<p>U(T/F)</p>	<p>Product based on Freescale iMX6UL (TI/ Freescale iMX6Q) CPU</p>
<p>070</p>	<p>LCD Dimension 050 Means 5.0 Inch 070 Means 7.0 Inch 080 Means 8.0 Inch 097 Means 9.7 Inch 101 Means 10.1 Inch 104 Means 10.4 Inch 120 Means 12.0 Inch 150 Means 15.0 Inch 170 Means 17.0 Inch 190 Means 19.0 Inch 215 Means 21.5 Inch</p>
<p>E</p>	<p>Means Embedded PC or Panel PC E Means Embedded PC without Case P Means Panel PC with Case</p>
<p>C</p>	<p>Means Touch Type R Means Resistive Touch C Means Capacitive Touch</p>

1	Means LCD Brightness 1 Means Common Brightness 2 Means High Brightness
1	PCB Version Baseboard PCB Version Number
1	PCB Version SOM Module PCB Version Number

Hardware Features

Key Features:	
CPU	iMX6UL, Cortex-A7, 528MHz
RAM	512MB DDR3
eMMC	4GB
Storage	TF card supports up to 32GB SDHC
Display	7.0 Inch LCD, 1024*600 Pixel Resolution High Brightness: 500nit
Touch	Capacitive Touch (Five-Point)
USB	2 x USB 2.0 Host
LAN	1 Channel 100M LAN
Audio	3.5mm Audio In/Out Connector, 2W Speaker Internal
Buzzer	1

RTC	Yes
RS232	2 Channels
RS485	3 Channels *
CAN	2 Channels
GPIO	Isolated, 4 Input, 4 Output
WiFi/BT	On-Board WiFi/BT. Optional. Not Mounted on by Default
Power Input	6~36V DC
Current @ 12V	500 mA max
Power Consumption	5W Typical
Working Temperature	-20°C to +70°C
OS	Linux, Debian
Dimension	CS10600U070E: 190*112*28mm CS10600U070P: 205*135*28mm
Weight	CS10600U070E: 340g CS10600U070P: 730g

EPC-A7-70HB-C

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