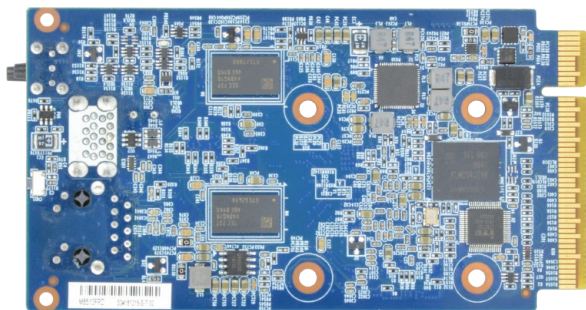
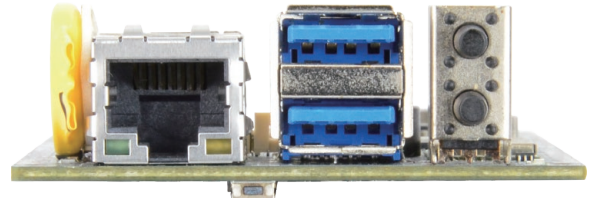
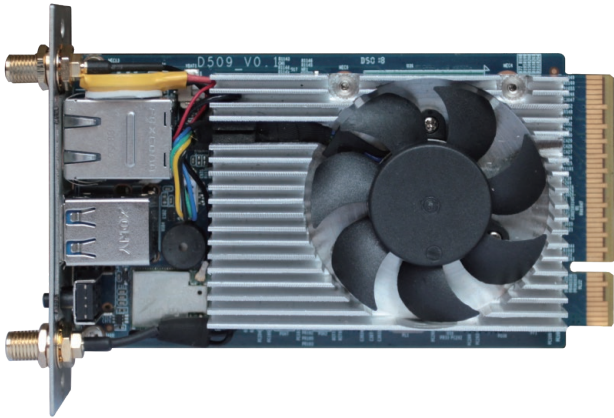




Intel Smart Display Module based on Apollo Lake



Main Features:

- Support Intel Apollo Lake Processors
- Onboard 2GB/4GB DDR3L and 64GB/ 128GB eMMC
- Gigabit Ethernet, onboard Wifi and Bluetooth
- Support Windows 10 64bit OS

Application:



White Board



All-In-One PC



Industrial Tablet



Digital Signage

Specification:

System			
CPU	N3350	N3450	N4200
Frequency	1.1GHz	1.1GHz	1.1GHz
Turbo	2.4GHz	2.2GHz	2.5GHz
Cache	2MB	2MB	2MB
BIOS	AMI EFI 64 Mbit		
Memory	Onboard 2GB/4GB DDR3L		
Storage	Onboard eMMC 64GB/128GB		
OS	Windows 10 64bit, Linux		
Display & Audio			
GPU	Intel HD Graphic 500/505 (based on CPU)		
DP 1.2	1 x DP Max. 4096 x 2304 @60Hz		
HDMI 1.4	1 x HDMI Max. 4096 x 2304 @24Hz		
Audio Controller	NA		
Audio Interface	NA		
Communication			
Ethernet	Realtek RTL8111H, Gigabit Ethernet, support Wake-on-LAN		
Wifi & BT	2.4G/5G Dual Band 802.11ac/b/g/n		
Rear Panel			
LAN	1		
USB 3.0	2		
Power Button	1		
Reset	1		
SDM I/O			
USB 3.0	1		
USB 2.0	1		
DP 1.2	1		
HDMI 1.4	1		
COM Port	1		
I2C	2		
Functions			
Watchdog	Support		
Auto Power On	Support		
Power			
Power Type	DC-IN		
Adapter	From daughter board		
Mechanical & Environment			
Dimension	109.9 x 60mm (W x D)		
Cooling	Fan		
Operating Temp.	0~60°C at 0.7m/s air flow		
Storage Temp.	-40~75°C		
Relative Humidity	90%@40°C, non-condensing		

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

