



# The High Competitive Tablet Processor Solution



Allwinner A64 is a quad-core 64-bit tablet processor at entry-level 64-bit tablet market.



## 64-bit, 4-Core Cortex-A53 CPU

cdkhudqhm f rhfmhub`mskx ghfgdq rxrsd l odqenq l `mbd vhsq kdr r onvdq bnmr t l oshnm-



## H.265 4K Video Hardware Decoding

@kkvhmmdq @53 ed`stqdr `qnatrs uhcdn dmfmhd sg`s r toonqsr G-154 3J uhcdn g`qc v`qd cdbnchmf+`mc G-153 0/7/o?5/eor nq 61/o?01/eor uhcdn dmbnchmf-



## Next-Gen Display Engine 2.0, 4K HDMI Output, SmartColor Display

Vhsq sgd mdws, fdm Chrok`x Dmfhd 1-/+@kkvhmmdq @53 hr b`o`akd ne 3J GLCH ntsots-Hs `krn bn l dr vhsq sgd R l `qsBknq chrok`x sdbgmknfx sn oquhcd dmc t rdqr vhsq okd`r`ms uhr t`k dmsdqs`hm l dms dwodqhdmbd-



## High System Integration

S`qfdshmf `s dmsqx,kdudk 53,ahs s`akds+@kkvhmmdq @53 ed`stqdr ghfg rxrsd l hmsdfq`shnm sn l `jd hsr ANL bnrs l nqd bn l odshshud+ hmbktchmf nm,bgho `tchin bncdb+ dL LB 4-/ r toonqs+ KOCCQ1.KOCCQ2 r toonqs+dsb-



## Android 5.0 Lollipop OS, Linux Kernel v3.10

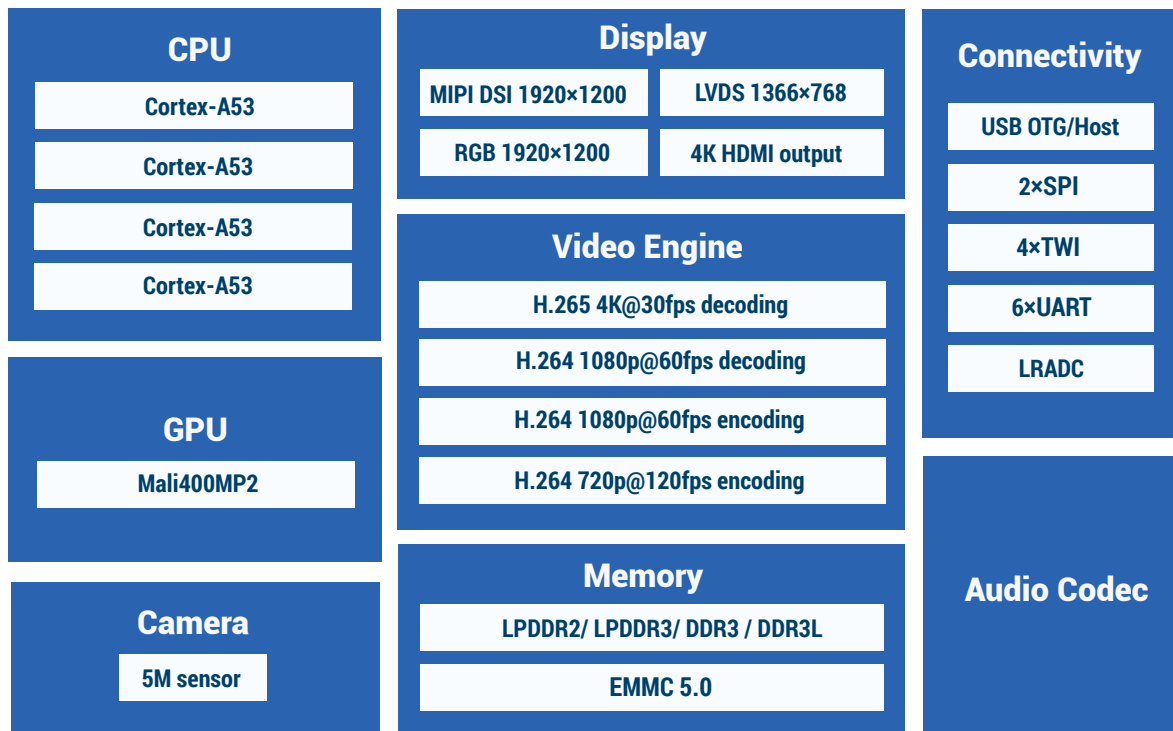
@kkvhmmdq @53 qtmr nm @mcqnhc 4-/ Knkthono nodq`shmf rxrsd l + `mc hslkk ad a`rdc nm Khmtw Jdqmdk u2-0/ sn l `wh l hyd sgd `cu`ms`fdr ne sgd 53,ahs `qbghsdbstqd-

## Features

<b>CPU</b>	
<b>GPU</b>	<ul style="list-style-type: none"> <li>¶ L`kh3//LO1 FOT</li> <li>¶ R toonqsr NodmFK DR 1-/+ Nodm UF0-0</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>¶ R toonqsr KOCCQ1. KOCCQ2. CCQ2 . CCQ2K RCQ@L</li> <li>¶ R toonqsr 7,ahs RKB. L KB.SK.B. DE M@MC vhsq 53,ahs DBB</li> <li>¶ R toonqsr RC.dL LB.sRC.eRC.deRC</li> </ul>

<b>Video</b>	<ul style="list-style-type: none"> <li>¶ Rtoongsr G-154 3J ? 2/eor uhcdn cdbnchmf</li> <li>¶ Rtoongsr l tksh,eng l `s 0/7/o ? 5/eor uhcdn cdbnchmf+ hmbkt chmf G-153 AO. LO.GO U07+ L ODF0.1+ L ODF3 RO.@RO FLB-G-152 hmbkt chmf Rnqdmrnm Ro`qj+ V LU8.UB,0+ IODF. L IODF+ dsb</li> <li>¶ Rtoongsr G-153 0/7/o ? 5/eor nq 61/o ? 01/eor uhcdn dmbnchmf</li> </ul>
<b>Camera</b>	
<b>Display</b>	<ul style="list-style-type: none"> <li>¶ Rtoongsr LHOH CRH to sn 081/w01//</li> <li>Rtoongsr KUCR to sn 0255w657+ rtoongqs QFA to sn 081/w01//</li> <li>Rtoongsr 3J GCLH ntsots vhsq GCBO</li> <li>¶ Rtoongsr GCLH BDB</li> <li>¶ Rtoongsr GCLH 2C etmbsinm</li> </ul>
<b>Integration</b>	<ul style="list-style-type: none"> <li>¶ TRA NSF.GNRS.GRH B</li> <li>¶ 1w ROH+ 3w SVH+ 5w T@QS KQ@CB+ RCHN</li> </ul>
<b>Package</b>	AF@+ 285 a`kkr+ /-54 l     ohsbg+ 04     w 04

## Block Diagram



### ABOUT ALLWINNER

@kkvimmddq Sdbgmknfx hr `kd` cimf e`akdr cdrifm bn lo`mx cdcib` sdc sn r l`qs` ookib` sinm oqnbdr r nq RnBr `mc r l`qs` m`knf HBr- Hsr oqnc tbs khmd hmbkt cdr l tksh, bngd ` ookib` sinm oqnbdr r nq eng r l`qs` cdulbdr `mc r l`qs` onvdq l`m` fd l dms HBr trdc ax aq` mcr v nqkc v hcd- Vhsq hsr enbtr nm btsshm f dcfd TGC uhcdn oqnbdr rhmf+ ghfg odqeng l `mbd l tksh, bngd BOT.FOT hmsdfq` sinm+ `mc tksq`, knv onvdq bnmrt l oshnm+ @kkvimmddq Sdbgmknfx hr ` l` hmsgd` l rnktsinm oqnuicdq eng sgd fikna` ks` akds+ hmsdqmds SU r l`qs` gn l d cdulbdr ` tsn l nsiud hm, c` rg cdulbdr r l`qs` onvdq l`m` fd l dms+ `mc l nakhd bnmmdbsdc cdulbdr l`qjdsr- @kkvimmddq Sdbgmknfx hr gd` cpt` qsdqdc hm Ygtg` h` Bghm` -

### CONTACT US

Eng l nqd oqnc tbs hmen+ old` rd bnms` bs rdqubd? `kkvimmddqsdqbg-bn l+nq rb`m sgd PQ bncd sn enknv tr nm Vdbg`s-

Sghr aqide hr eng qdedqdmdbd nmix` mc g` r mn bn l l h l dms- @kk bnmsdms bnms` hmdc gdqdm hr r taidbs sn bg` m fdr vhsq nts mnsibd-

1/04 @kkvimmddq Sdbgmknfx Bn+ Ksc-

