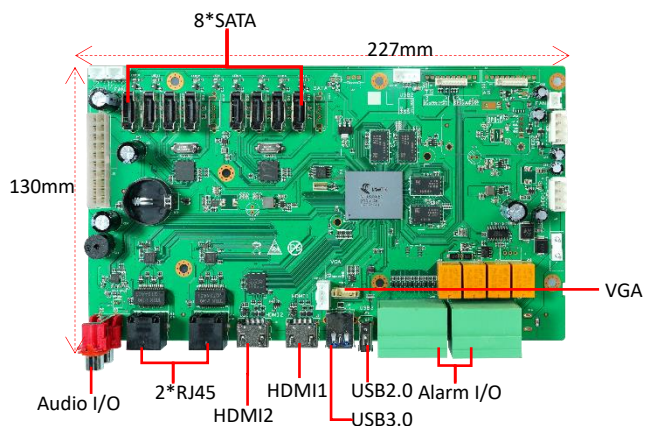


NBD80N64H8-KLE

64ch 4K 8sata Dual LAN&Dual HDMI NVR board

Feature:

- Support access of multiple smart front-end devices with human detection and face detection function.
- Support HDMI 4K output, VGA HD output;
- Support ONVIF access third party;
- Support web, CMS, center platform management software MYEYE, provide SDK development;
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions;
- Support multiple network services (support DHCP, FTP, DNS, DDNS, NTP, UPNP, EMAIL, IP searches, Alarm Center, etc.);
- Support GB28181 protocol access to third-party platforms.

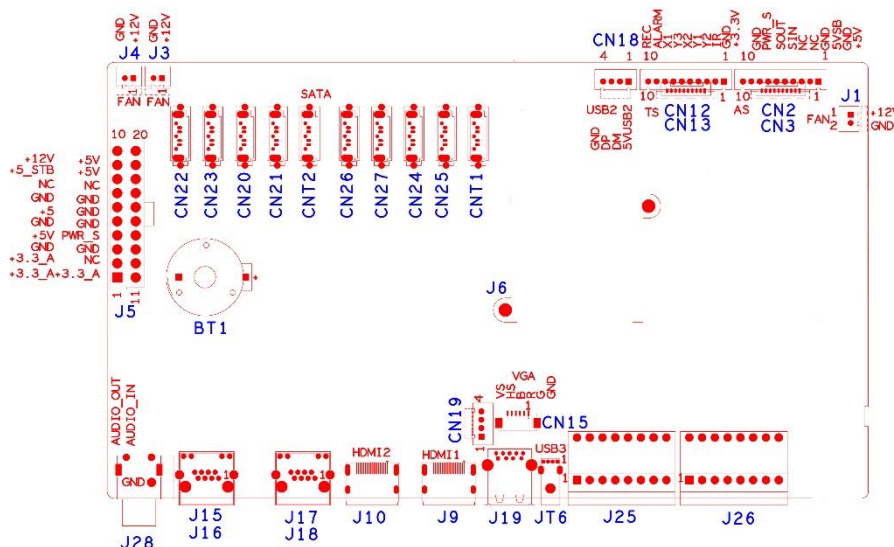


Technical Parameters:

Model: NBD80N64H8-KLE

	Model	NBD80N64H8-KLE
System	Main processor	NT98336
	Operating System	Embedded Linux
	System resources	Simultaneous multi-channel real-time recording, playback, network operation, USB backup
Interface	Operator interface	16-bit true color graphic menu operation interface, support mouse operation
	Preview	1/4/8/16/24/32/64
Video	Video input (IP)	64*4K
	Video compression	H.265A/H.265+(compatible H.265/H.264)
	Display quality	Max:4K
	Playback quality	4K/5M/4M/3M/1080P
	VR	Unsupport
	Motion detection	Support(depend on camera)
Audio	Audio compression	G.711A
	Intercom	support
Record & playback	Recording mode	Manual>Alarm>Dynamic Detection>Timing
	Local playback	4K (1+1) /5M (3+1) /4M (4+1) /3M (5+1) 1080P (8+2)
	Search mode	Search by Time/Calendar/Event/Channel/Face
	Record storage	HDD、Network、Cloud
	Backup mode	Network backup, USB hard disk, USB burner, SATA burner
External interface	Video output	HDMI1 4K output, HDMI2 1080P output , Extension 1ch VGA HD output
	Audio I/O	1/1
	Alarm I/O	16/4
	Network interface	2*RJ45 10M/100M/1000M Adaptive Ethernet port, Support for different network segments access
	USB interface	1*USB2.0 ports, 1*USB3.0 ports
	HDD	8* SATA(Up to 14TB for each disk)
	ESATA	No
	Serial interface	1*RS485, 1*RS232
Other	ONVIF	Support
	Power supply	ATX
	Power Consumption	<10W(Without HDD)
	Work environment	Temperature:0℃ — 55℃ , Humidity:10% — 90%RH , Atm:86kpa — 106kp
	Dimension	227mm*130mm
	Weight	205g

Interface Description



sign	Function	Interface Description			
J5	ATX	1: 3.3V	2: 3.3V	3: GND	4: 5V
		5:GND	6:5V	7:GND	8:NC
		9:+5_STB	10:12V	11:3.3V	12:NC
		13:GND	14:PWR_S	15:GND	16:GND
		17:GND	18:NC	19:5V	20:5V
J26	ALARM IN	1:ALARM_IN1	2:ALARM_IN9	3:ALARM_IN2	4:ALARM_IN10
		5:ALARM_IN3	6:ALARM_IN11	7:ALARM_IN4	8:ALARM_IN12
		9:GND	10:GND	11:ALARM_IN5	12:ALARM_IN13
		13:ALARM_IN6	14:ALARM_IN14	15:ALARM_IN7	16:ALARM_IN15
J25	Alarm I/O、RS232、RS485 Extende	1:ALARM_IN8	2:ALARM_IN16	3:GND	4:GND
		5:ALARMOUT1_C	6:ALARMOUT3_C	7:ALARMOUT1_NO	8:ALARMOUT3_NO
		9:ALARMOUT2_C	10:ALARMOUT4_C	11:ALARMOUT2_NO	12:ALARMOUT4_NO
		13:RS232_R	14:RS485_A	15:RS232_T	16:RS485_B
JT6	USB2.0				
J19	USB3.0				
CN19	USB Extende	1:5V	2:USB_DM	3:USB_DP	4:GND
CN18	USB Extende				
J9	HDMI1				
J10	HDMI2				
J17	RJ45				
J15	RJ45				
J28	Audio I/O	white: AUDIO_IN	red: AUDIO_OUT		
J1	Power Supply of Heat	1: 12V	2:GND		

	Dissipating Fan				
J3	Power Supply of Heat Dissipating Fan	1: 12V	2:GND		
J4	Power Supply of Heat Dissipating Fan	1: 12V	2:GND		
CN13	Expansion socket without MCU front panel (1.25*10P)	1:+3.3	2:GND	3:IR	4:COL2
		5:COL1	6:ROW2	7:COL3	8:ROW1
		9:ALARM	10:REC		
CN3	Front panel extension interface (1.25*10P)	1:+5	2:GND	3:+5_STB	4:GND
		5:NC	6:NC	7:RXD_FRONT	8:TX_FRONT
		9:PWR_S	10:GND		
CN25	SATA				
CN24	SATA				
CN27	SATA				
CN26	SATA				
CN21	SATA				
CN20	SATA				
CN23	SATA				
CN22	SATA				
CN15	VGA Extende	1:GND	2:VGA_RED	3:VGA_GREEN	4:VGA_BLUE
		5:VGA_HS	6:VGA_VS		
BT1	CR2032				