





10th generation i7	Intel Core	10700	Octa-core 2.9G	4.8G	65	150
10th generation i9	Intel Core	10900	Ten cores 2.8G	5.2G	65	150
11th generation i5	Intel Core	11400	Six-core 2.6G	4.4G	65	150
		11500	Six-core 2.7G	4.6G	65	150
		11600	Six-core 2.8G	4.8G	65	150
11th generation i7	Intel Core	11700	Octa-core 2.5G	4.9G	65	180
11th generation i9	Intel Core	11900	Octa-core 2.5G	5.2G	65	180

**80Pin OPS interface definition:**

pins	Signal	describe	aisle	pins	Signal	describe	aisle
1	DDP_3N	DisplayPort	OUT	41	+12V~+19V	Power	-
2	DDP_3P	DisplayPort	OUT	42	+12V~+19V	Power	-
3	GND	Ground	-	43	+12V~+19V	Power	-
4	DDP_2N	DisplayPort	OUT	44	+12V~+19V	Power	-
5	DDP_2P	DisplayPort	OUT	45	RSVD	Reserved pins	-
6	GND	Ground	-	46	RSVD	GHOST	-
7	DDP_1N	DisplayPort	OUT	47	GND	Ground	-
8	DDP_1P	DisplayPort	OUT	48	GND	Ground	-
9	GND	Ground	-	49	RSVD	Reserved pins	-
10	DDP_0N	DisplayPort	OUT	50	SYS_FAN	System Fan Control	OUT
11	DDP_0P	DisplayPort	OUT	51	UART_RXD	UART 3.3V	IN
12	GND	Ground	-	52	UART_TXD	UART 3.3V	OUT
13	DDP_AUXN	DisplayPort	I/O	53	GND	Ground	-
14	DDP_AUXP	DisplayPort	I/O	54	StdA_SSRX-	USB3.0	IN
15	DDP_HPDP	DisplayPort	IN	55	StdA_SSRX+	USB3.0	IN
16	GND	Ground	-	56	GND	Ground	-
17	TMDS_CLK-	DVI-D	OUT	57	StdA_SSTX-	USB3.0	OUT
18	TMDS_CLK+	DVI-D	OUT	58	StdA_SSTX+	USB3.0	OUT
19	GND	Ground	-	59	GND	Ground	-
20	TMDS0-	DVI-D	OUT	60	USB_PN2	USB	I/O

21	TMDS0+	DVI-D	OUT	61	USB_PP2	USB	I/O
22	GND	Ground	-	62	GND	Ground	-
23	TMDS1-	DVI-D	OUT	63	USB_PN1	USB	I/O
24	TMDS1+	DVI-D	OUT	64	USB_PP1	USB	I/O
25	GND	Ground	-	65	GND	Ground	-
26	TMDS2-	DVI-D	OUT	66	USB_PN0	USB	I/O
27	TMDS2+	DVI-D	OUT	67	USB_PP0	USB	I/O
28	GND	Ground	-	68	GND	Ground	-
29	DVI_DDC_DATA	DVI-D	I/O	69	AZ_LINEOUT_L	Audio-Lch	OUT
30	DVI_DDC_CLK	DVI-D	I/O	70	AZ_LINEOUT_R	Audio-Rch	OUT
31	DVI_HPD	DVI-D	IN	71	CEC	Consumer Electronic Control	I/O
32	GND	Ground	-	72	PB_DET	Pluggable Board Detect	OUT
33	+12V~+19V	Power	-	73	PS_ON#	Pluggable Signal ON	IN
34	+12V~+19V	Power	-	74	PWR_STATUS	PowerGood	OUT (OC)
35	+12V~+19V	Power	-	75	GND	Ground	-
36	+12V~+19V	Power	-	76	GND	Ground	-
37	+12V~+19V	Power	-	77	GND	Ground	-
38	+12V~+19V	Power	-	78	GND	Ground	-
39	+12V~+19V	Power	-	79	GND	Ground	-
40	+12V~+19V	Power	-	80	GND	Ground	-

1. The I/O column definition is in reference to the pluggable board.

2. OC=Open Collector.

For USB3.0 implementation, pins #60 and #61 shall be used to complement the Super Speed USB signals.