

# TP205

V1.0  
Jan 2018

## 1. Features

TP205 card is an adapter for the latest promoted products: SOM (System on Module). The function of TP205 is to transfer the gigabit signal from sending card into 100mbps signal.

TP205 has 8 ways 100mbps signal output and 8 ways 100mbps signal input; supports up to 650 thousand pixels.

TP205 works with the whole series SOM card, and supports both of the monitoring board and the function board.

Official website: [www.linsn.com](http://www.linsn.com)

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## 2. Appearance

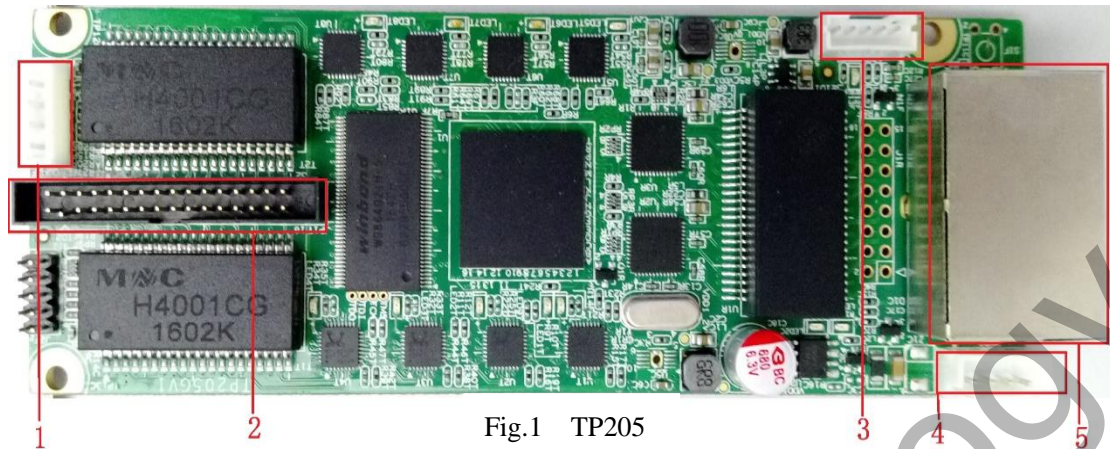


Fig.1 TP205

No	Features	Note
1	COM1	For connecting monitoring/function board
2	Input/output for 100Mbps signal	output to SOM card, definition as follows Rx_N,Rx_P are differential input;Tx_N,Tx_P are differential output) : 1:P1_Rx_N, 2:P1_Rx_P , 3:P1_Tx_N, 4:P1_Tx_P 5:P2_Rx_N, 6:P2_Rx_P, 7:P2_Tx_N, 8:P2_Tx_P 9:P3_Rx_N, 10:P3_Rx_P, 11:P3_Tx_N, 12:P3_Tx_P 13:P4_Rx_N, 14:P4_Rx_P, 15:P4_Tx_N, 16:P4_Tx_P 17:P5_Tx_P, 18:P5_Tx_N, 19:P5_Rx_P, 20:P5_Rx_N 21:P6_Tx_P, 22:P6_Tx_N, 23:P6_Rx_P, 24:P6_Rx_N 25:P7_Tx_P, 26:P7_Tx_N, 27:P7_Rx_P, 28:P7_Rx_N 29:P8_Tx_P, 30:P8_Tx_N, 31:P8_Rx_P, 32:P8_Rx_N
3	Connector for extending indicator	
4	5V Power Supply	
5	Network input/output	For connecting monitoring/function board

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