

Tiny Gateway System with UP Board

Front View



Rear View



Features

- Intel® Apollo Lake SoC E3930/E3940/E3950
- Onboard LPDDR4 memory
- Onboard eMMC Storage
- Onboard WiFi/BT
- 4 x Gigabit LAN(Intel i211-AT/i210-IT)
- 2 x USB 3.0, 1 x USB 3.0 OTG, 1 x DP

Specifications

System	
CPU	Intel® Apollo Lake SoC E3930/E3940/E3950
Memory	Onboard Single/Dual Channel LPDDR4 memory, Max 8GB
Graphics	Intel® HD Graphics
Storage	32GB/64GB/128GB eMMC
Ethernet	Intel I211-AT x 4 (optional i211-IT x 4 for TSN function)
WiFi/BT	AMPAK AP6355SD WIFI 802.11 a/b/g/n/ac + BT 4.2 2xAntenna
Audio	DP
USB	USB 3.0 Host x 2 USB 3.0 OTG (With device port) x 1
Expansion Slot	mPCIe slot x 1
I/O Placements	
Power	12V DC x 1
USB	USB 3.0 Host x 2 USB 3.0 OTG (With device port) x 1
Display Port	DP x 1
Ethernet	RJ-45 x 4
COM	—
Environment	
Power	12V DC Only
Form Factor	56.5 mm × 66 mm
Gross Weight	—
Operating Temperature	0 °C ~ 50 °C
Operating Humidity	10% ~ 80%RH, non-condensing
Certification	CE/FCC Class B
OS Support	—

Dimension

Unit: mm



Ordering Information

Product SKU	Description
UP-GWS01-A20-0232	UP-GWS01, w/2G memory, 32G eMMC board w/o VESA plate
UP-GWS01-A20-1232	UP-GWS01, w/2G memory, 32G eMMC board w/ VESA plate
UP-GWS01-A20-0432	UP-GWS01, w/4G memory, 32G eMMC board w/o VESA plate
UP-GWS01-A20-1432	UP-GWS01, w/4G memory, 32G eMMC board w/ VESA plate

Packing List

- UPCP-GWSX7-NPL4
- 2 x WiFi/BT Antenna

Optional Accessories

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