

PUZZLE-1100



Features

- Intel® Atom® Amston Lake Processors
- 1 x DDR5 SO-DIMM 4800MHz
- 4 x 2.5GbE LAN
- 2 x USB 3.2 10G Type-A, 1x Type-C Console
- 1 x M.2 B Key 5G/LTE, 1 x miniPCIe Wi-Fi, 1 x M.2 B Key SATA SSD
- 128GB eMMC

Specifications

		PUZZLE-1100
Platform	Form Factor	Desktop
	CPU	1 x Intel® Amston Lake processors Series
	Chipset	Integrated in CPU
Memory	Memory Technology	1 x DDR5 SO-DIMM Slot (Max Speed 4800Mhz)
	Memory Capacity	Based on SO-DIMM capacity
	Memory Socket	1 x 260-pin DDR5 SO-DIMM
Network and Security	Network Acceleration and Security Function	N/A
	TPM	1 x TPM 2.0 pin header
BMC	BMC Solution	1 x IEI iRIS4 connector IPMI module (Optional)
Networking	Ethernet IC	4 x 2.5GbE Intel-i226V
	Ethernet Port	4 x GbE RJ45 ports 1 x 10/100 Mb IPMI ports
	Network Module Slot	N/A
Expansion Slot	miniPCIe	1 x miniPCIe for WIFI module
	B-key M.2	1 x 3042/3052 B-Key M.2 Slot 5G/LTE
Storage	Storage	1 x 2240/2280 B-Key SATA SSD (PCIe 3.0 x1)
	USB	2 x USB 3.2 10G Type-A
	Console	1 x USB Type-C
Power and Mechanical	Power Switch	Rear: 1 x Power Button
	Reset Button	Rear: 1 x Reset Button
	Power Input	1 x 12V DC jack
	Type/Watt	12V/5A AC-DC power adapter
	Processor Cooling	Fan and heat sink
	System Cooling	N/A
	Antenna Hole	8 x Antenna hole (reserved)
Physical and Environmental	Storage Temperature	-10°C ~ 50°C
	Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
	Operating Humidity	5% ~ 90% non-condensing
	Dimensions (W x L x H) (mm)	224.5 x 42.5 x 170 mm
	Weight	<3Kg
Certifications	Certification	By customer request
	Supported Operating System	Ubuntu Linux
Indicators	LCM	N/A
	LED	Front: 1 x Power LED, 1 x 5G LED, 1 x WiFi LED, 1 x Alert LED

Ordering Information

Part No.	Description
PUZZLE-1100-x7405C-8G-R10	Desktop Network Appliance with Intel x7405C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, DDR5 SO-DIMM 8GB
PUZZLE-1100-x7405C-R10	Desktop Network Appliance with Intel x7405C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2
PUZZLE-1100-x7203C-8G-R10	Desktop Network Appliance with Intel x7203C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, DDR5 SO-DIMM 8GB
PUZZLE-1100-x7203C-R10	Desktop Network Appliance with Intel x7203C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2
PUZZLE-1100-x7835RE-8G-R10	Desktop Network Appliance with Intel x7835RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1X HDMI™, DDR5 SO-DIMM 8GB
PUZZLE-1100-x7835RE-R10	Desktop Network Appliance with Intel x7835RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1X HDMI™
PUZZLE-1100-x7433RE-8G-R10	Desktop Network Appliance with Intel x7433RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1X HDMI™, DDR5 SO-DIMM 8GB
PUZZLE-1100-x7433RE-R10	Desktop Network Appliance with Intel x7433RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1X HDMI™

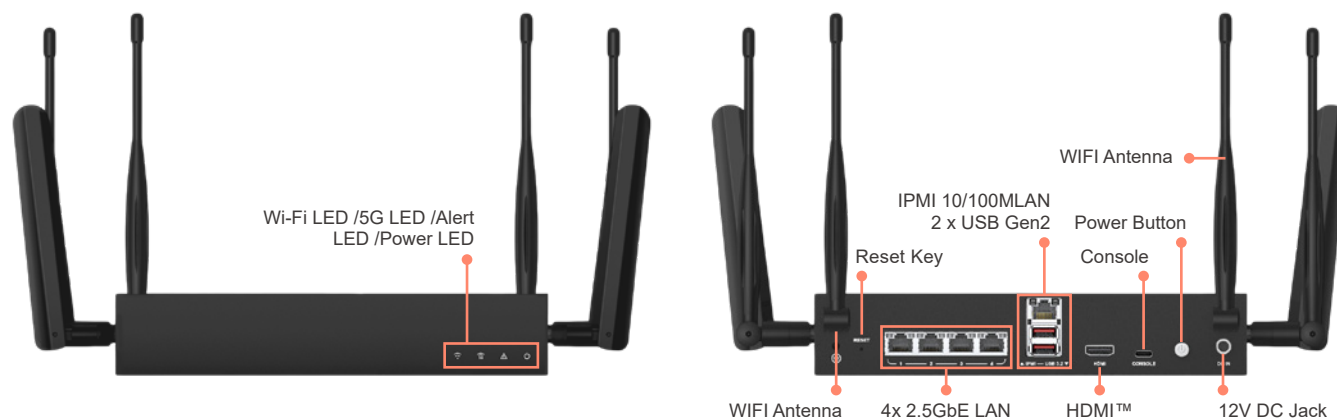
Options

Item	Part No.	Description
USB Type-C Cable	32001-028400-100-RS	ROUND CABLE;USB CABLE;;2;1000mm;32AWG;;(A)USB 3.1 C TYPE MALE;(B)USB 3.1 A TYPE MALE;;;;;W/O E-MARK IC, GEN- 2(3A/5V), Black;;TC&C;T1070E7121610-1;RoHS
WI-FI ANTENNA	32505-006200-100-RS	WLAN;2.4G+5G WI-FI ANTENNA;RG 178;196MM;;Peak Gain:5dBi;50Ω;INPAQ;2.4-2.5GHz/5.15-5.85GHz;VSWR 2.0;;;REVERSE SMA PLUG;;;RoHS
5G ANTENNA	32513-000200-100-RS	WWAN;LTE FULL BAND;LINE DIAMETER:1.37mm;128MM;;;50Ω;Wieson;700~2700MHz;VSWR 3.0;;;REVERSE SAM PLUG;;;RoHS
5G Thermal Kit	CKP-34000-000959-H	HEATSINK MODULE;70*35*24mm;;;Jing Mau;300070111;METAL HEATSINK;Supplier_MOLD;AL6063-T5, Chromate treatment;Thermal Pad:TIF-640GP, K=6, for M.2 5G Antenna module;Halogen Free

Packing List

Item	PUZZLE-1100
Adapter	1
Power Core Cable	1

IO Interface



Dimensions (Unit: mm)

