



KTB-3558R

Main Features

- Intel Denverton Processor C3558R
- 1 × VGA, 1 × RS-232 (RJ-45)
- 1 × USB 3.0, 1 × USB 2.0, 1 × Type C (USB 3.0)
- 2 × M.2 (PCIe 3.0 × 2)
- 1 × Mini SAS, 2 × SATA 3.0
- 4 × 10G SFP+ (1G SFP)
- 5 × Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

Dimension	165 × 115mm
CPU	Intel Denverton Processor C3558R
Core Number	4
Max. Speed	2.4 GHz
L2 Cache	8M
Chipset	By CPU
BIOS	UEFI

Expansion Slot

M.2	2 × M.2 for SSD (M key, Type: 2280, PCIe 3.0 × 2)
M.2	1 × M.2 for 4G/5G (B key, Type: 3042/3052),

Memory

Technology	DDR4 2133MHz SDRAM
Max.	64GB
Socket	2 × SO-DIMMs

Graphics

Controller	-
VRAM	-
VGA	1

Ethernet

Interface	100/1000/2500Mbps
Controller	5 × Intel I225-V/I226-V 2.5 Gigabit LAN
Connector	5 × RJ-45
Interface	1000Mbps/10Gbps
Controller	4 × 10G SFP+ (1G SFP)
Connector	4 × SFP(+)

Audio

Controller	No
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SATA

Max. Data Transfer Rate	SATA 3.0 (6.0Gb/S)
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Accessories

Accessories	Cable for HDD
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Rear I/O

DC-IN	1
Serial Port	1 × RS-232 (RJ-45)
USB	1 × USB 3.0, 1 × USB 2.0
Ethernet	5
SFP+	4 × 10G SFP+ (1G SFP)

Front I/O

Power Button	1 × Power Button, 1 × Reset Button
LED	1 × Power LED, 1 × HDD LED
VGA	1
SIM Card Slot	1
Type C	1 × Type C (USB 3.0)
Mini SAS	1 × Mini SAS (SFF8087)

Internal Connector

TPM	1 (Option)
VGA Header	1, 2 × 5Pin, Pitch 2.0mm
SATA	2, SATA 3.0 (6.0Gb/S)
SATA PWR Connector	2, 1 × 4Pin, Pitch PH2.0mm
SIM Card Slot	1
AutoStart Jumper	0
Clear CMOS Jumper	0
USB Header	1, 2 × 5Pin, Pitch 2.0mm (Option)
Front Panel Header	1, 2 × 5Pin, Pitch 2.0mm
Power Header	1, 1 × 2Pin, Pitch 5.0mm (Option)

Watchdog Timer

Output	From Super I/O to Drag RESETCON#
Interval	256 Segments,0,1,2,3,,,255 sec/min

Power Requirement

Input PWR	12V DC in, 5.5mm/2.5mm
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Environment

Operating Temperature	-20-70 °C
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OS Support

OS	Windows 10, Linux
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Ordering and Specifications Information

Ordering Code	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Processor Graphics	Cache	TDP
KTB-3558R	Denverton	Atom	C3558R	4	4	2.40Ghz			8M	17W

Functions

Ordering Code	SFP+ 10G	SFP 1G (2.5G)	M.2 M Key (PCIe 3.0 × 2)	M.2 M Key (PCIe 3.0 × 1)	RJ-45	VGA	SATA 3.0	5G	Mini SAS	USB 3.0	Type C
KTB-3558R	2	2	2	-	5	1	2	1	1	1	1