



**AMD® Ryzen™ V1000/R1000 Series
Desktop Box IPC**



DT122-GH

Ryzen



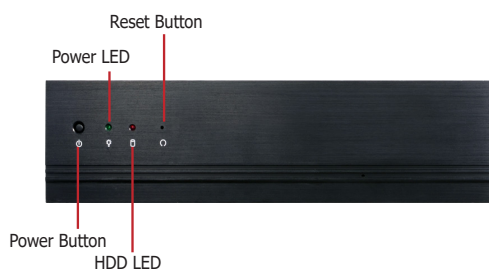
FC CE

► Features

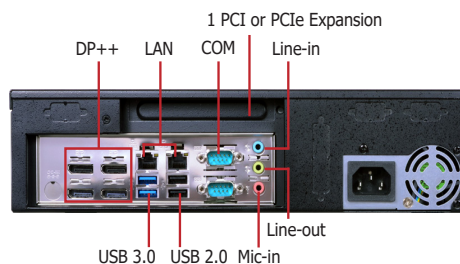
- AMD Ryzen V1000/R1000 Desktop Box IPC
- 2 DDR4 SODIMM up to 64GB
- 4 DP++ resolution up to 4096x2160 @ 60Hz
- 1x 3.5" or 2x 2.5" SATA drive bay
- Supports 1 expansion slot: 1 PCIe or 1 PCI
- Built in 150W psu



► Panel

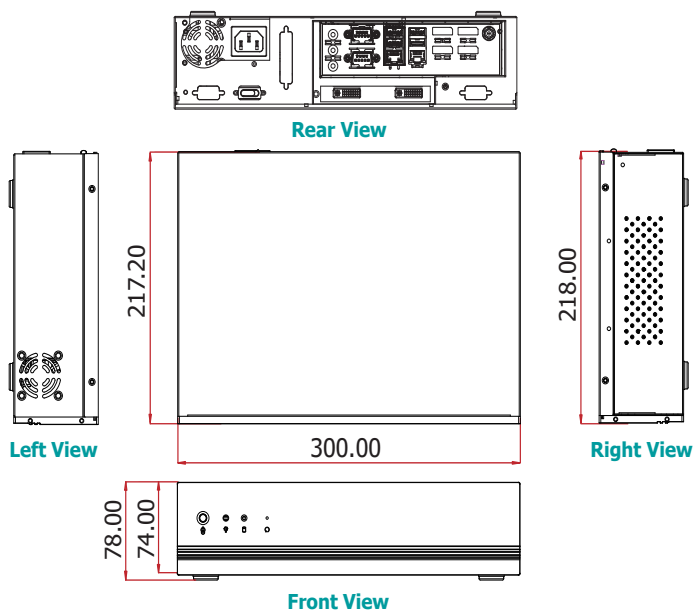


Front View



Rear View

► Dimensions





Specifications

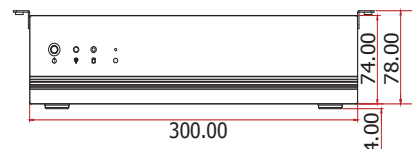
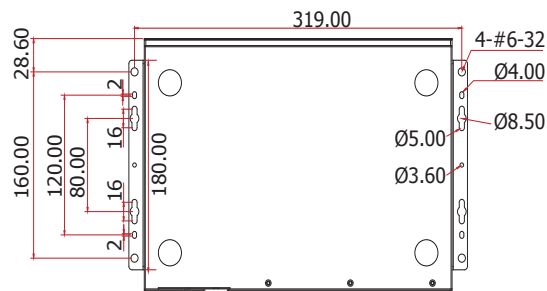
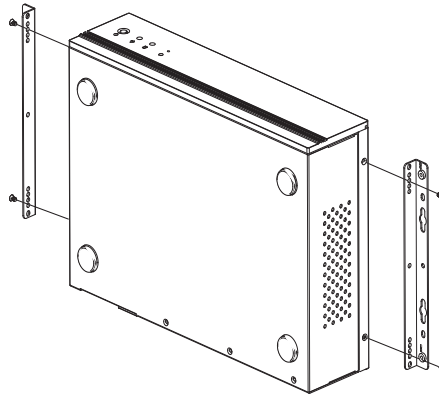
SYSTEM	Processor	AMD [®] Ryzen™ Embedded V1000 series AMD [®] Ryzen™ Embedded V1807, Quad Core, 2M Cache, 11 CU, 3.35GHz (3.8GHz), 35-54W AMD [®] Ryzen™ Embedded V1756, Quad Core, 2M Cache, 8 CU, 3.25GHz (3.6GHz), 35-54W AMD [®] Ryzen™ Embedded V1605, Quad Core, 2M Cache, 8 CU, 2.0GHz (3.6GHz), 12-25W AMD [®] Ryzen™ Embedded V1202, Dual Core, 1M Cache, 3 CU, 2.3GHz (3.2GHz), 12-25W AMD [®] Ryzen™ Embedded R1000 series
	Memory	Two 260-pin SODIMM up to 32GB Dual Channel DDR4 3200MHz
	BIOS	AMI BIOS
GRAPHICS	Controller	AMD [®] Radeon™ Vega Graphics
	Feature	OpenGL 4.5, DirectX 12, OpenCL 2.1 HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9 HW Encode: MPEG2, AVC/H264, JPEG, HEVC/H265, VP8, VP9
	Display	4 x DP++ (V1000) DP: resolution up to 4096x2160 @ 60Hz 3 x DP++ (R1000)
	Four Displays	DP++ (R1000 supports triple displays)
STORAGE		1 x 3.5" or 2 x 2.5" SATA 3.0 Drive Bay 1 x M.2 2280 NVME SSD (2280 PCIe x4), (x2 signal with R1000)
EXPANSION	Interface	1 x PCIe or 1 x PCI (through optional riser card)
AUDIO	Audio Codec	Realtek Audio Codec with 5.1 Channel Support
ETHERNET	Controller	2 x Realtek Ethernet LAN Controller
FRONT I/O	LED	1 x Power LED 1 x HDD LED
	Buttons	1 x Power Button 1 x Reset Button
REAR I/O	Ethernet	2 x GbE (RJ-45)
	Serial	1 x RS-232/422/485 (DB-9) 1 x RS-232 (DB-9)
	USB	2 x USB 3.0 2 x USB 2.0
	Display	4 x DP++ (V1000), or 3 x DP++ (R1000)
	Audio	1 x Line-in 1 x Line-out 1 x Mic-in
	Cutout	DB-9 x 2, DB-15, DB-25
COOLING	Fan	1 x System Fan 1 x CPU Fan
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds
POWER	Supply	AC150W, ATX, 100 to 240V AC input
OS SUPPORT		Windows 10 Linux
MECHANISM	Construction	Front Bezel aluminum + Chassis Sheet Metal
	Mounting	Wall mount
	Dimensions (W x H x D)	300mm x 75mm x 217mm
	Weight	3.7 Kg
ENVIRONMENT	Operating Temperature	0 to 45°C
	Storage Temperature	-40 to 85°C
	Relative Humidity	10 to 90% RH (non-condensing)
STANDARDS AND CERTIFICATIONS	Certification	CE, FCC Class A



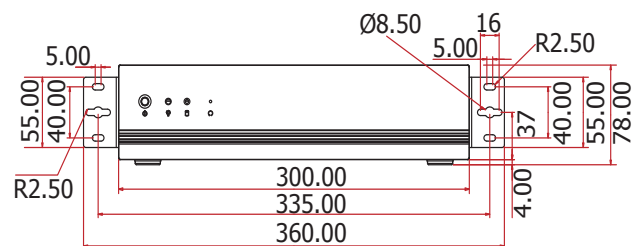
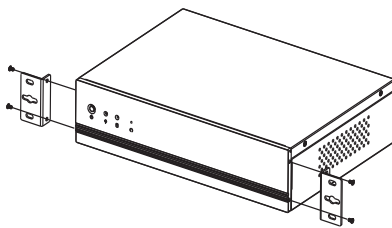
DT122-GH

Wall Mounting

Type A Wall mount bracket



Type B Wall mount bracket



DT122-GH



► **Ordering Information**

Model Name	Part Number	Description
DT122-GH	750-DT1222-000G	DT122-GH: GH171-V1807B, 150W, F/G SYSTEM, RoHS
DT122-GH	750-DT1222-100G	DT122-GH: GH171-V1807B, 150W, PCIe Riser, F/G SYSTEM, RoHS
DT122-GH	750-DT1222-200G	DT122-GH: GH171-V1807B, 150W, PCI Riser, F/G SYSTEM, RoHS

► **Packing List**

• 1 DT122-GH system unit
• 1 CPU cooler
• 1 HDD drive bay kit
• 1 Heatsink/fan
• 1 Quick Installation Guide

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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