



Industrial Grade Modules

ACT Power offers a wide lineup of WARIS DDR5 and DDR4 Industrial Grade Modules which are 100% rigorously tested and support industrial operating temperatures from -20°C to +95°C.

WARIS DDR4 modules are manufactured with high-quality brand-name DRAM chips, while DDR5 modules are manufactured with Original DRAM chips. Through rigorous testing, the modules are designed to deliver higher performance, higher stability, and higher compatibility.

WARIS' rigorous testing and quality control help ensure these modules are well-suited to operate in demanding, long-life computing environments.

Features & Benefits

- JEDEC Standards
- Operating Temperature: -20°C to +95°C
- 100% Rigorously Tested
- RoHS Compliant
- Controlled BOMs with PCN Control
- Shorter Lead Times
- Competitive Pricing

Applications

- Base Stations and Outdoor Telecom Equipment
- Industrial & Embedded Computing
- Defense & Aerospace Systems
- Kiosks & Digital Signage
- Server & Storage Applications
- Harsh-Environment Applications



DDR5 Ordering Information

288-PIN - DDR5 RDIMM							
Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0270	16GB	31.25	2Gbx 80	2Gx8	5600MT/s	1.1V	-20°C to +95°C
WACT0280	32GB	31.25	4Gbx 80	2Gx8	5600MT/s	1.1V	-20°C to +95°C

288-PIN - DDR5 ECC UDIMM							
Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0250	16GB	31.25	2Gbx 80	2Gx8	5600MT/s	1.1V	-20°C to +95°C
WACT0260	32GB	31.25	4Gbx 80	2Gx8	5600MT/s	1.1V	-20°C to +95°C

288-PIN - DDR5 Non-ECC UDIMM							
Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0220	8GB	31.25	1Gbx 64	1Gx16	5600MT/s	1.1V	-20°C to +95°C
WACT0230	16GB	31.25	2Gbx 64	2Gx8	5600MT/s	1.1V	-20°C to +95°C
WACT0240	32GB	31.25	4Gbx 64	2Gx8	5600MT/s	1.1V	-20°C to +95°C

262-PIN - DDR5 Non-ECC SODIMM							
Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0190	8GB	31.25	1Gbx 64	1Gx16	5600MT/s	1.1V	-20°C to +95°C
WACT0200	16GB	31.25	2Gbx 64	2Gx8	5600MT/s	1.1V	-20°C to +95°C
WACT0210	32GB	31.25	4Gbx 64	2Gx8	5600MT/s	1.1V	-20°C to +95°C

* Reflects Operating Ambient Temperature

* Product images are for promotional purposes only. Labels may not be representative of the actual product.

DDR4 Ordering Information

288-PIN - DDR4 RDIMM

Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0170	8GB	31.25	1Gb x72	1Gbx 8	3200MT/s	1.2V	-20°C to +95°C
WACT0180	16GB	31.25	2Gb x72	1Gbx 8	3200MT/s	1.2V	-20°C to +95°C

288-PIN - DDR4 ECC UDIMM

Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0150	8GB	31.25	1Gb x72	1Gbx 8	3200MT/s	1.2V	-20°C to +95°C
WACT0160	16GB	31.25	2Gb x72	1Gbx 8	3200MT/s	1.2V	-20°C to +95°C

288-PIN - DDR4 Non-ECC UDIMM

Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0110	4GB	31.25	512M x64	512Mx8	3200MT/s	1.2V	-20°C to +95°C
WACT0120/ WACT0010	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	-20°C to +95°C
WACT0050	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	0°C to +85°C
WACT0130/ WACT0020	16GB	31.25	2Gb x64	1Gx8	3200MT/s	1.2V	-20°C to +95°C
WACT0060	16GB	31.25	2Gb x64	1Gx8	3200MT/s	1.2V	0°C to +85°C
WACT0140	32GB	31.25	4Gb x64	2Gx8	3200MT/s	1.2V	-20°C to +95°C

260-PIN - DDR4 Non-ECC SODIMM

Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
WACT0070	4GB	31.25	512M x64	512Mx8	3200MT/s	1.2V	-20°C to +95°C
WACT0080	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	-20°C to +95°C
WACT0030	8GB	31.25	1Gb x64	1Gx8	3200MT/s	1.2V	0°C to +85°C
WACT0090	16GB	31.25	2Gb x64	1Gx8	3200MT/s	1.2V	-20°C to +95°C
WACT0040	16GB	31.25	2Gb x64	1Gx8	3200MT/s	1.2V	0°C to +85°C
WACT0100	32GB	31.25	4Gb x64	2Gx8	3200MT/s	1.2V	-20°C to +95°C

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