



PG5200 (Ramone)

1U-1P (single processor) Telco grade server solution

Ramone, a specialized 1U server designed exclusively for Telecom application, offers a compact form factor, wide temperature tolerance, low noise, and high integration. It plays a pivotal role in Pegatron's comprehensive solution for public and private network edge computing such as 5G BBU; UPF; and others distributed edge computing software loads. Ramone's adaptability and high-performance characteristics make it a versatile solution that addresses the evolving needs of 5G infrastructures.

Processor	Intel Ice Lake-D HCC Processor (SoC)
Memory	8 x DDR4 DIMM slots, 2DPC, up to 512GB (2933Mhz)
Networking	Front accessible Built-in 8x 10GbE (SFP+), or 4x 25GbE (SFP28) Built-in 1x 1000BASE-TX RJ-45 port
BMC Management port	Dedicated 1x 1GbE RJ-45 management port
Expansion slots	1x PCIe 4.0 x16 slot for FHHL add-in card
Storage	2x onboard M.2 SSDs (PCIe3.0), 2280 or 22110 slots
FEC Accelerator	Intel Mount Bryce (eASIC), onboard
Operating temperatures	-5°C to +55°C
Maximum power consumption	<180 Watts
Security	TPM 2.0
Regulatory Compliance Standard	Taiwan: BSMI / Japan: VCCI United States: UL, FCC / India BIS
Dimensions & Weight	43 x 438 x 430mm (1.70" x 17.25" x 16.93" inches); 8.6Kg (lbs)

