

Ampere Altra Developer Platform

COM-HPC Server Type Size E
 Reference Development Platform
 based on Ampere® Altra® SoC



Features

- Ampere® Altra® SoC (Arm Neoverse N1 architecture)
- 32/64/96/128 cores
- DDR4 with 6 individual memory channels (32/64/128GB)
- 64 PCIe Gen4 lanes (3 x16, 2 x4, and 2 M.2 slots)
- Open source firmware (EDKII bootloader with TianoCore/UEFI)
- Arm SystemReady SR, Ubuntu Server 20.04 certified

Specifications

Components	Computer-on-Module	COM-HPC Server Type module with Ampere® Altra® 32/64/96/128-core SoC with open source EDKII compliant with PICMG COM-HPC: Rev 1.0
	Carrier Board	COM-HPC Server Base in extended ATX form factor
	Memory	32/64/128GB DDR4 RDIMM memory with individual memory channels
	Storage	128/512GB NVMe M.2 SSD
Front I/O	USB	2x USB 3.0/2.0/1.1
	LED button	Toggles through the LED lighting modes of the 5 ARGB system fans
	Power button	Turns the system on/off
	Audio port	Inactive
Rear I/O	GbE	Intel® MAC/PHY based on Intel® Ethernet Controller I210 Interface: 10/100/1000 Mbit/s Ethernet connection
	Mgt. GbE	Up to 100 Mbit/s based on Intel® I210 and AST2500, with out of band management (TBD)
	USB	4x USB 3.0/2.0/1.1
	VGA	Analog VGA display
	Serial	Serial console for debugging
	Power input	100-240V
	Power switch	Runs power to the system (without booting up)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Embedded Box Computers](#) category:

Click to view products by [ADLINK Technology](#) manufacturer:

Other Similar products are found below :

[BXNUC9i5QNX](#) [BXNUC9i5QNX1](#) [BXNUC10I3FNHN1](#) [BXNUC10I5FNKN1](#) [RNUC11BTMI90001](#) [BXNUC10I3FNHN](#) [EPC-R4710NO-XAA1E](#) [HMIG3U](#) [UBC-DS31CD-PAA1E](#) [UBC-200CQ-MEA1E](#) [UTX-3115SA4P-S6A2E](#) [TREK-303R-HA0E](#) [AVS-540-00A1E](#) [AIIS-1240-00A1E](#) [TANK-870AI-i5/8G/2A-R10](#) [PRFE21000038](#) [UPN-EDGE-EHLCN2-A10-0232](#) [UPS-EDAI-X70864-U01-DC01](#) [UPX-EDGE-TGLI3-A10-0000-0001](#) [EOS-JNX-G](#) [MXE-211/M8G](#) [ROScube-I, IntelR Core? i7, RQI-57](#) [AMAX-5580-C3000A](#) [DS-100GL-S8A1E](#) [ITA-1611-10A1E](#) [ITA-1711-10A1E](#) [MIC-710AI-00A1](#) [MIC-717-OX3A1](#) [MIC-717-OX4A1](#) [UNO-247-J1N1AE](#) [USM-110C-BD113](#) [AIE100-903-FL](#) [EBOX671-517-FL-DC](#) [ED-IPC2110-12324US](#) [ASM30002](#) [PAC-1000GBP-X-R30/300W](#) [BKCM8v5CB8N](#) [BKCM8v7CB8N](#) [BKCM8i3CB4N](#) [BKNUC9VXQNB](#) [BKNUC9VXQNX1](#) [BNUC11TNHV70001](#) [BNUC11TNKV50000](#) [BNUC11TNKV50001](#) [BXNUC8I5INHX](#) [BXNUC8I7INHJA1](#) [BXNUC9i9QNX](#) [AI-003](#) [AI-003-PRO](#) [1272687](#)