



Box-PC

GOLUB 712/715

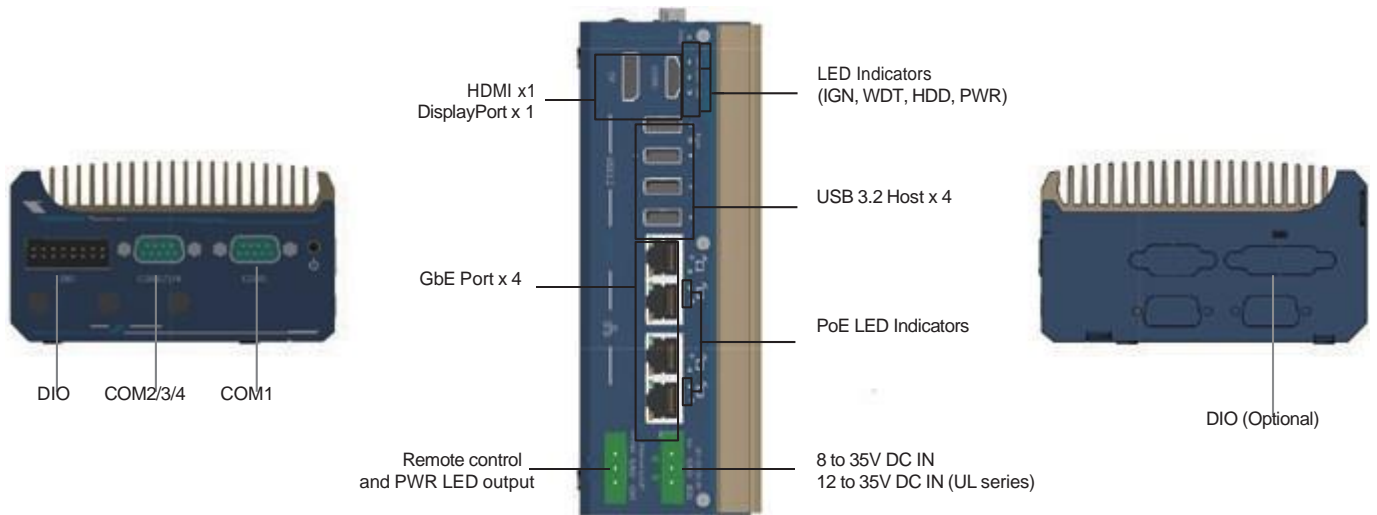
- Intel® Alder Lake Atom® x7425E processor
Intel® Alder Lake Core™ i3-N305 processor
- Up to 16GB DDR5-4800 SDRAM
- Fanless



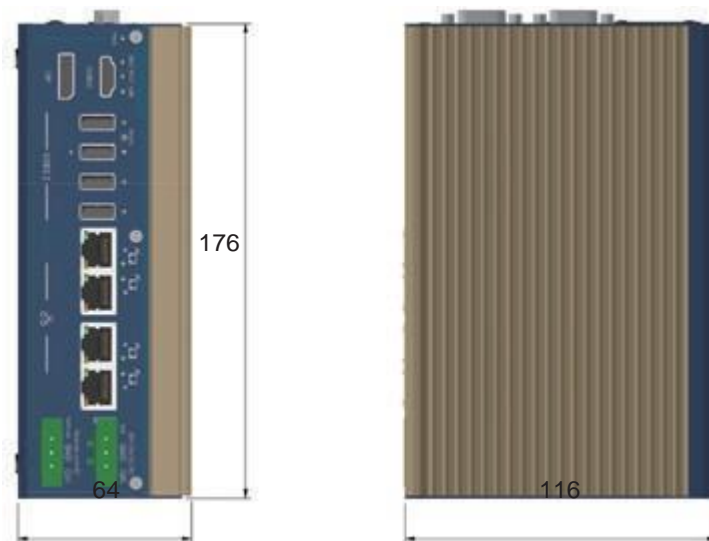
CPU	Intel® Alder Lake Atom® x7425E processor (4C/4T, 1.5 /3.4 GHz, 12W TDP) (GOLUB 712) Intel® Alder Lake Core™ i3-N305 processor (8C/8T, 1.8/3.8 GHz, 15W TDP) (GOLUB 715)
Graphics	Integrated Intel® UHD Graphics with 24EUs (GOLUB 712) Integrated Intel® UHD Graphics with 32EUs (GOLUB 715)
RAM	Up to 16GB DDR5-4800 SDRAM (one SODIMM socket)
Storage interface	1x M.2 2280 M key socket (PCIe Gen3 x1) for NVMe SSD storage (supports SATA signal)
Ports	4x Gb Ethernet ports by Intel® I350-AM4 IEEE 802.3at PoE+ on port #1 - 4 (GOLUB 715) 4x USB 3.2 Gen2 ports with screw-lock 1x Software-programmable RS-232/422/485 ports (COM1) 3x 3-wire RS-232 ports (COM2/3/4) or 1x RS-422/485 port (COM2) 1x DP++, Supporting 4096 x 2160 resolution 1x HDMI1.4b, Supporting 3840 x 2160 30Hz
DIO	4-CH isolated DI and 4-CH isolated DO
Expanded interface	1x full-size mini-PCI Express socket with internal micro SIM socket
MezIO™ interface	1x MezIO® expansion interface for MezIO® modules
Cooling system	Passive, fanless; option: external-accessible 80mm x 80mm fan for system heat dissipation
Power input	1x 3-pin pluggable terminal block for 8V to 35V DC input 1x 3-pin pluggable terminal block for 12 to 35V DC input (UL series)
Power consumption	TBA
Operating temperature	-25° to 70° C*
Storage temperature	-40° to 85° C
Storage humidity	10% to 90%; non-condensing
Vibration	Operating, MIL-STD-810G, Method 514.6, Category 4
Shock	Operating, MIL-STD-810G, Method 516.6, Procedure I, Table 516.6-II
Safety	EN62368-1
Certificate	CE/FCC Class A, according to EN 55032 & EN 55024

* For sub-zero and over 60°C operating temperature, a wide temperature HDD or Solid State Disk (SSD) is required.

Protection class	IP20
Mounting	DIN-rail mount; option: wall-mount
Operating system	Option: Windows® 10; LINUX 64Bit
Dimensions / mm	64 x 116 x 176
Weight / kg	1.2
Scope of delivery	2x 3-pin terminal connector; Driver CD; DIN-rail kit



Unit : mm



Order Information

GOLUB 712, Intel® Atom x7425E [4x GigE] - M.2 2280 SATA	400199
GOLUB 715, Intel® i-Core® i3-N305 [4x GigE w/PoE+] - M.2 2280 SATA	400196
GOLUB 715, Intel® i-Core® i3-N305 [4x GigE] - M.2 2280 SATA	400196.10
GOLUB 715, Intel® i-Core® i3-N305 [4x GigE] - M.2 2280 SATA	400196.50
GOLUB 715, Intel® i-Core® i3-N305 [4x GigE] - M.2 2280 SATA	400196.100
GOLUB 715, Intel® Alder Lake Core™ i3-N305, 8GB RAM, 128GB SSD]	400198.1