

# Arm-based Computing Platforms for Industrial Automation Applications



**MOXA**<sup>®</sup>

# Arm-based Computing Platforms

Fanless computers with a variety of communication interfaces for industrial automation applications



Series	UC-2100 Series					UC-5000 Series				UC-8410A Series		DA-660 Series	
Model	UC-2101	UC-2102	UC-2104	UC-2111	UC-2112	UC-5101	UC-5102	UC-5111	UC-5112	UC-8410A	UC-8410A-NW	DA-662A-8-LX	DA-662A-16-LX
Computer													
CPU	Arm Cortex-A8 600 MHz	Arm Cortex-A8 600 MHz	Arm Cortex-A8 600 MHz	Arm Cortex-A8 600 MHz	Arm Cortex-A8 1 GHz	Arm Cortex-A8 1 GHz	Arm Cortex-A8 1 GHz	Arm Cortex-A8 1 GHz	Arm Cortex-A8 1 GHz	Arm Cortex-A7 dual core 1 GHz	Arm Cortex-A7 dual core 1 GHz	MoxaMacro 500 MHz	MoxaMacro 500 MHz
Memory	256 MB	256 MB	256 MB	512 MB	512 MB	512 MB	512 MB	512 MB	512 MB	1 GB	1 GB	128 MB	128 MB
Storage Preinstalled	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	8 GB	32 MB	32 MB
Storage Slot	-	-	-	1 x microSD	1 x microSD	1 x SD	1 x SD	1 x SD	1 x SD	1 x SD, 1 x mSATA	1 x SD, 1 x mSATA	1 x CFast	1 x CFast
Ethernet Ports	1 x LAN	2 x LAN	1 x LAN	2 x LAN	1 x Giga LAN, 1 x LAN	2 x LAN	2 x LAN	2 x LAN	2 x LAN	3 x Giga LAN	3 x Giga LAN	4 x LAN	4 x LAN
Serial Ports (RS-232/422/485)	1	-	-	2	2	4	4	4	4	8	8	8 (model with serial isolation available)	16 (model with serial isolation available)
CAN Ports	-	-	-	-	-	-	-	2	2	-	-	-	-
DI/DO	-	-	-	-	-	4 x DI, 4 x DO	4 x DI, 4 x DO	4 x DI, 4 x DO	4 x DI, 4 x DO	4 x DI, 4 x DO	4 x DI, 4 x DO	-	-
USB Ports	-	-	-	-	-	1	1	1	1	2	2	2	2
Installation	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	DIN-rail mounting	Wall mounting	Wall mounting	Rack mounting	Rack mounting
Wireless Interface													
Wireless Expansion Slot	-	-	1 x mPCIe	-	-	-	1 x mPCIe	-	1 x mPCIe	1 x mPCIe	-	-	-
SIM Slots	-	-	1 x mini SIM	-	-	-	2 x micro SIM	-	2 x micro SIM	1 x micro SIM	-	-	-
Standards and Certifications													
EMC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC
Hazardous Locations	-	-	-	-	ATEX, C1D2, IECEX	-	-	-	-	-	-	-	-
Environmental Limits and Power Parameters													
Operating Temperature	-10 to 60°C	-10 to 60°C	-10 to 70°C	-10 to 60°C	-10 to 60°C, -40 to 75°C (T models)	-10 to 60°C, -40 to 85°C (T models)	-40 to 85°C, -40 to 70°C (with LTE), -10 to 70°C (with Wi-Fi)	-10 to 60°C, -40 to 85°C (T models)	-40 to 85°C, -40 to 70°C (with LTE), -10 to 70°C (with Wi-Fi)	-40 to 75°C, -40 to 70°C (with Wi-Fi)	-10 to 60°C, -40 to 75°C (T models)	-10 to 60°C	-10 to 60°C
Power Consumption (max.)	4 W	4 W	4 W	4 W	4 W	11 W	11 W	11 W	11 W	19 W	19 W	20 W	20 W